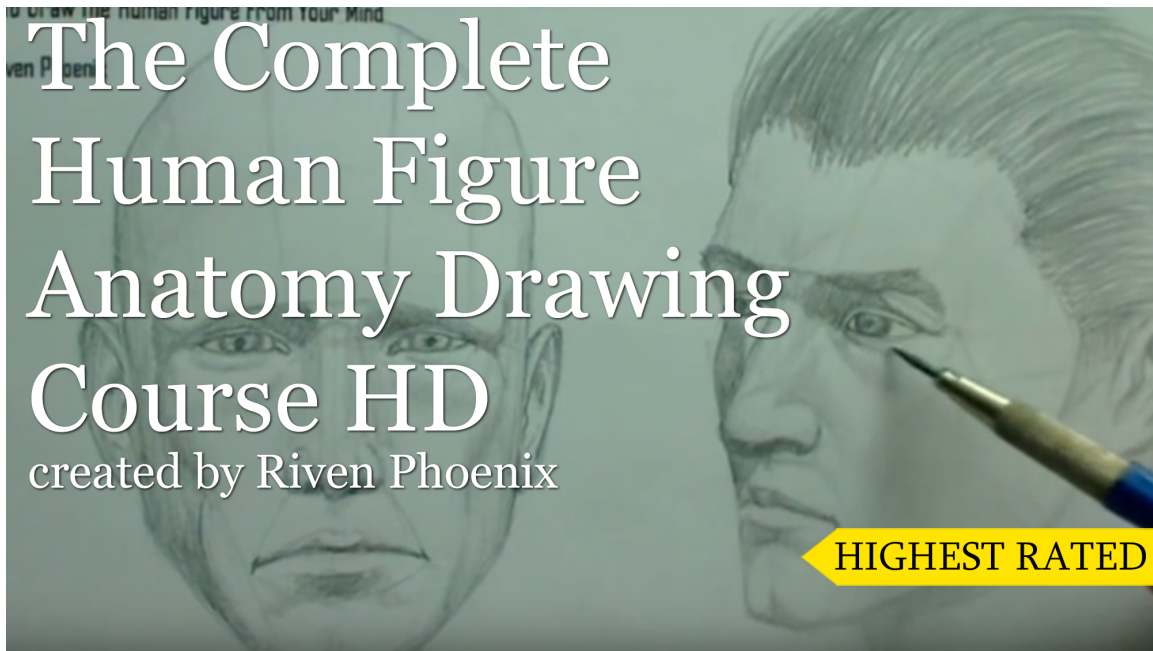


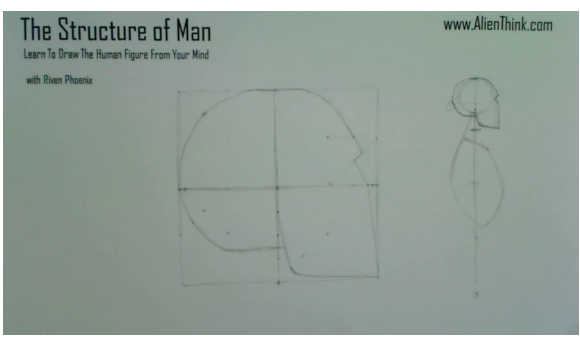
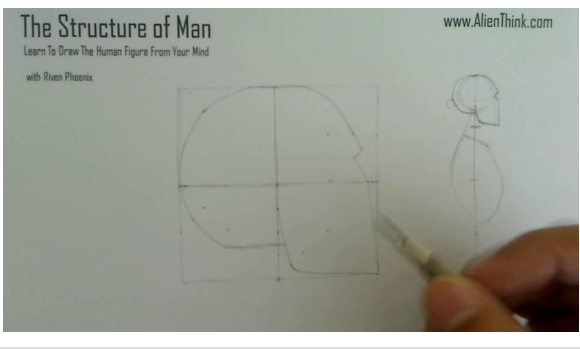
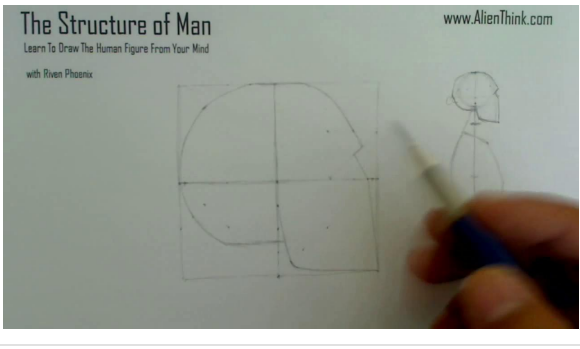
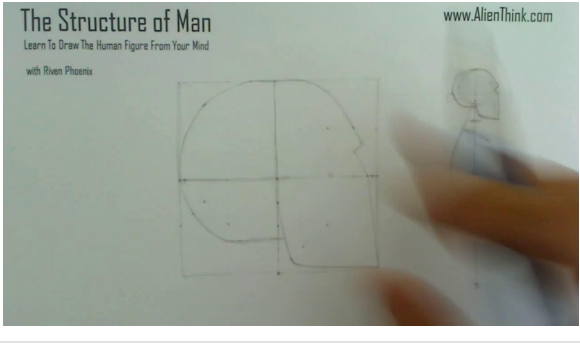


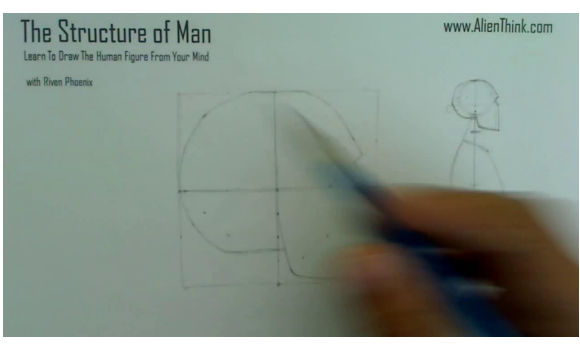
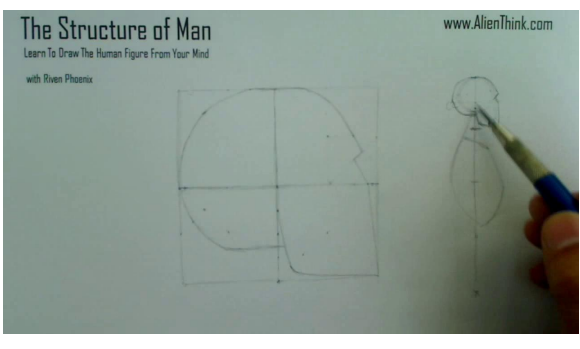
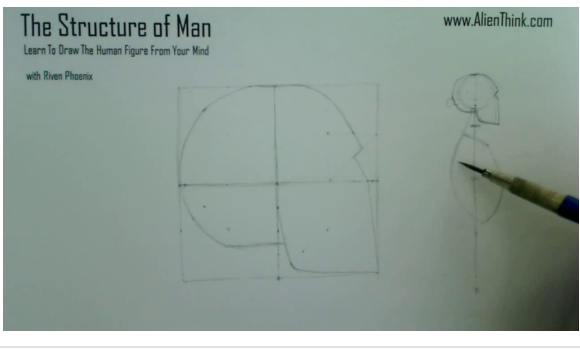
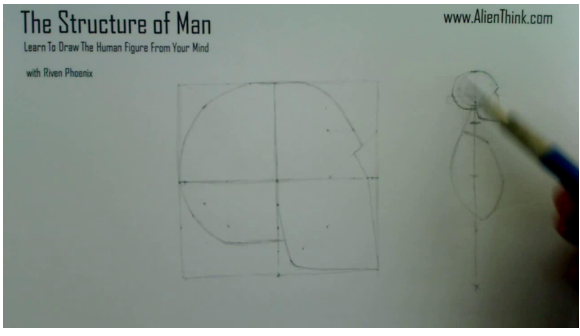
The Structure of Man

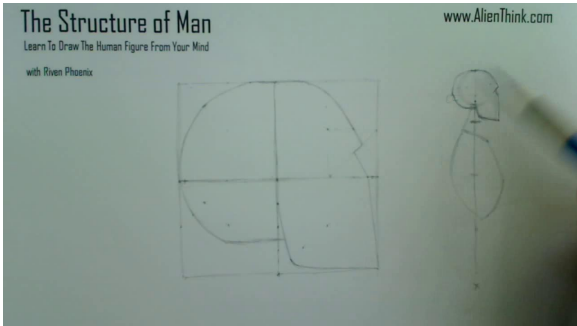
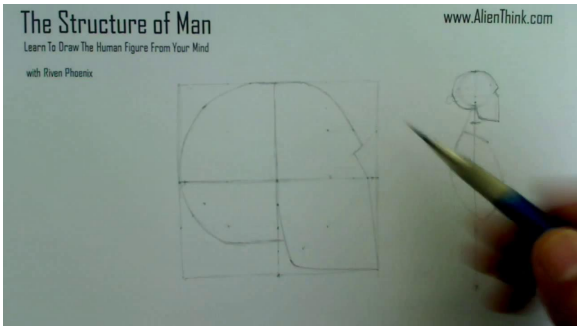
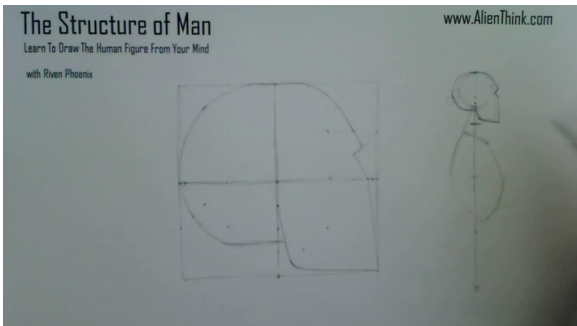
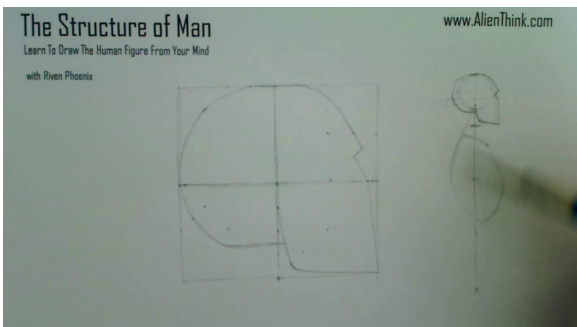
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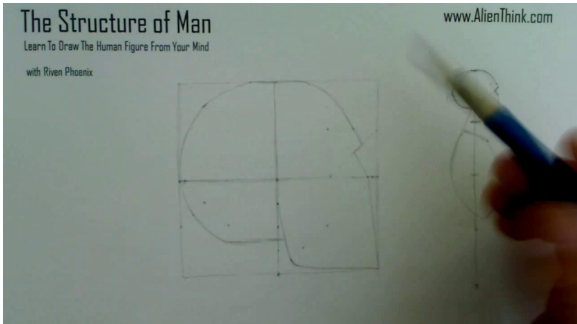
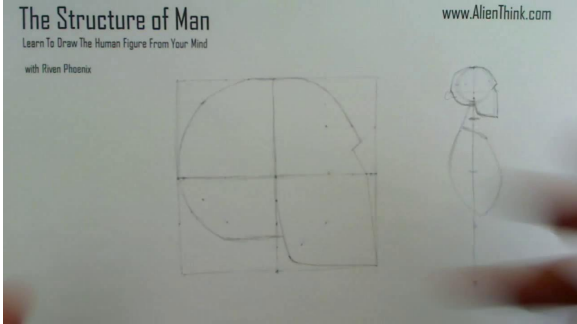
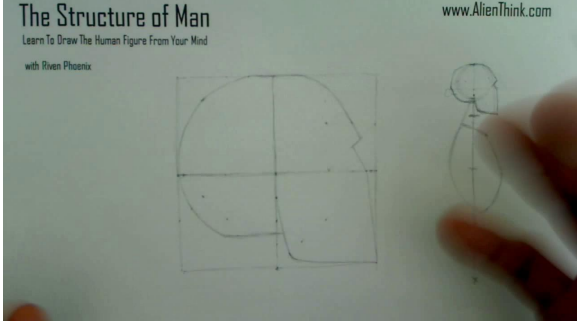
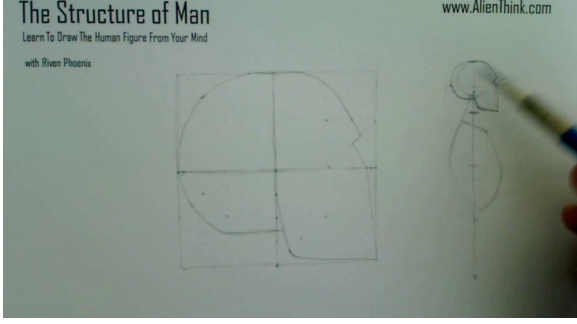
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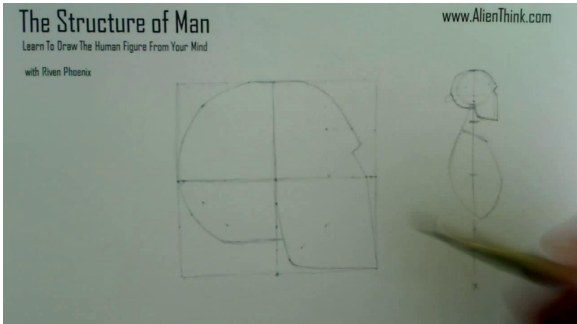
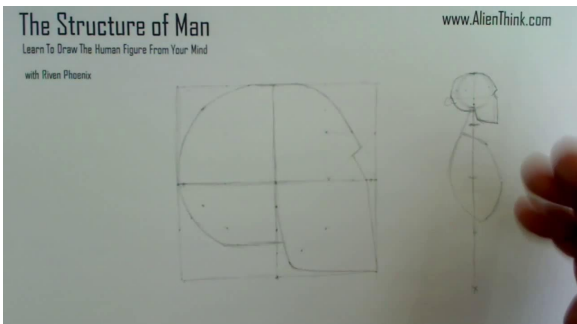
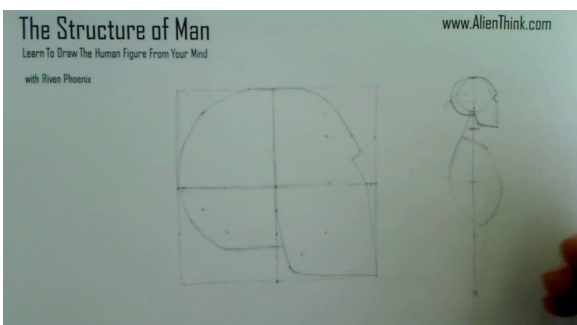
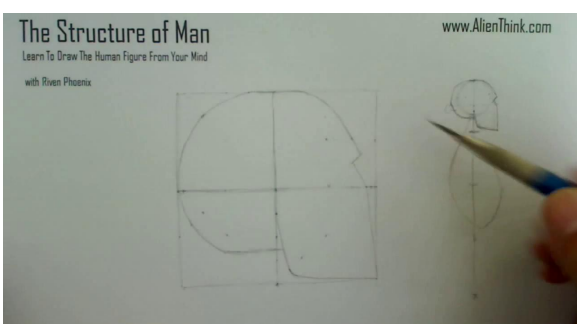
Figure Drawing Lesson 009 - The Formulas for the Side
View of the Human Head - Phase 1

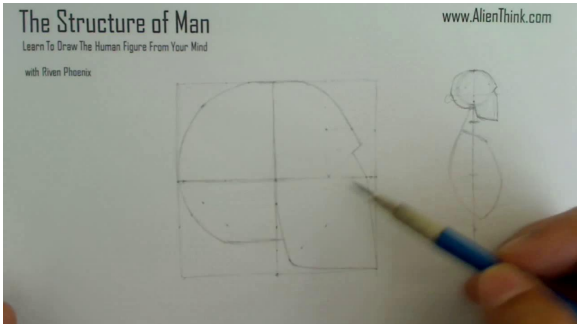
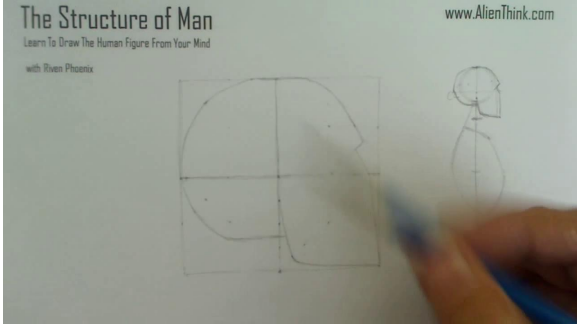
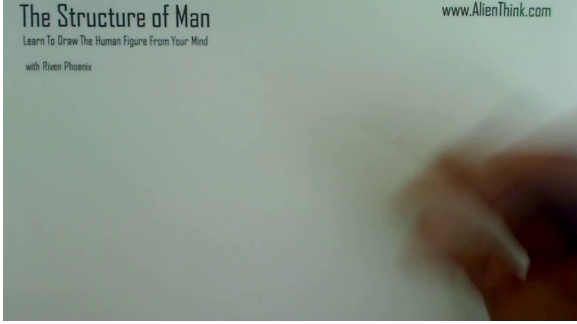
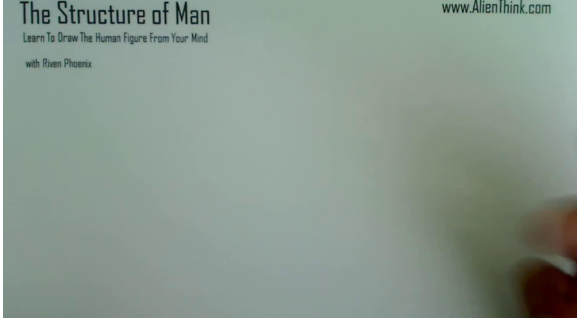
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2	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	human figure from your mind training course.
3	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	Okay, so in the previous lesson, we looked at a very simple formula method to be able to
4	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	on the fly create a very realistic structure of the human skull, right?

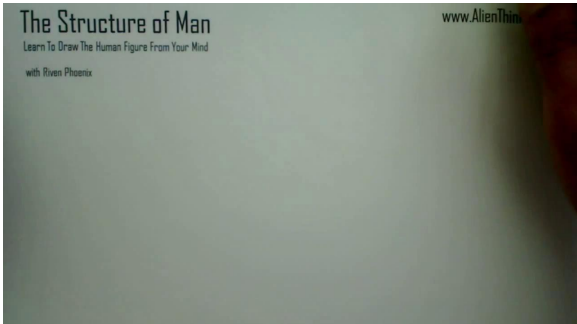
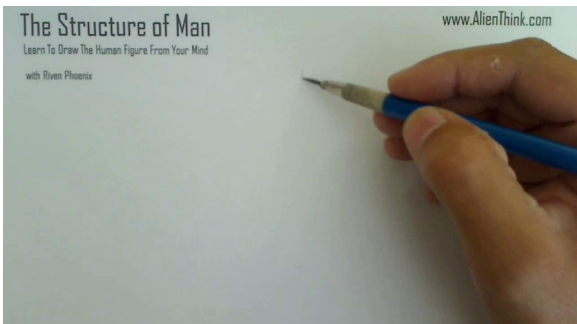
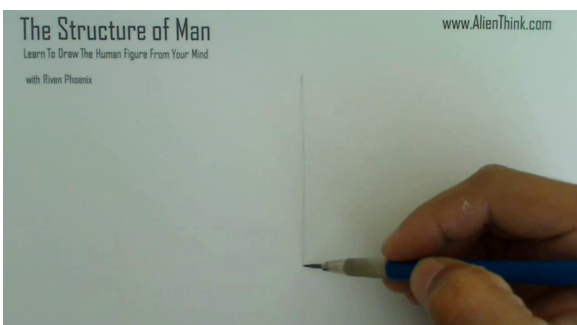
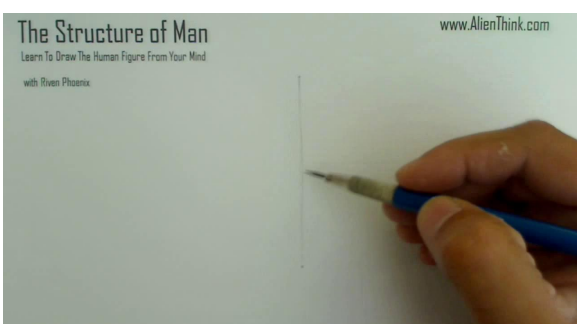
5		So these are like the seeker formulas that we've created that only we know.
6		And here I proved to you that when I did my initial toolkit, when I did my initial sketch
7		ideas, I can come back in and use those formulas to create very realistic skull, right?
8		So obviously in as we move through this course, you'll see that we don't even have to

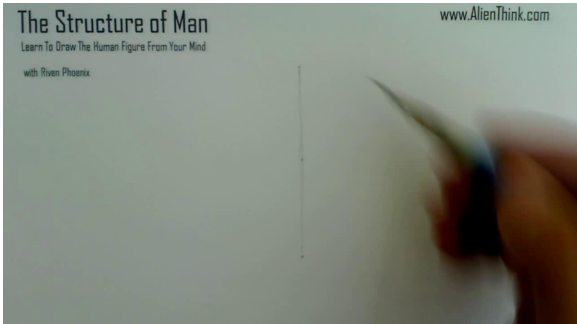
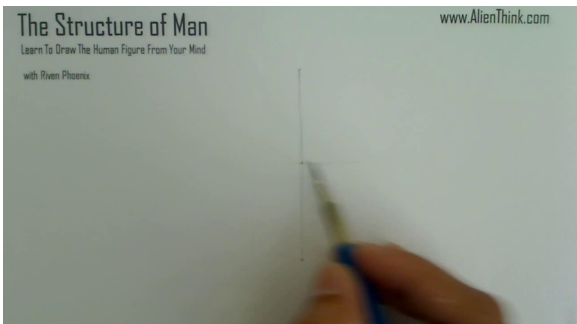
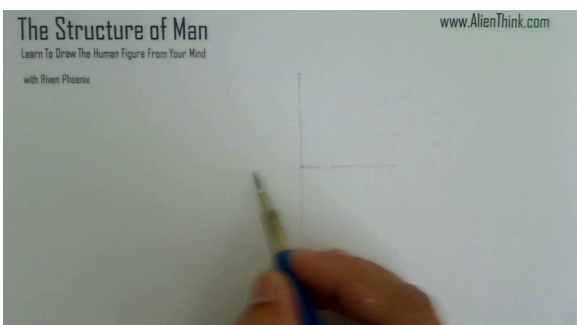
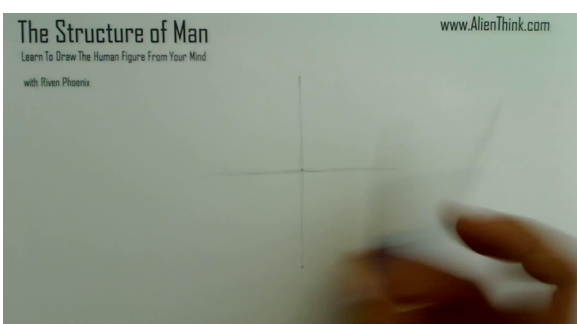
9		do it this way, right?
10		Because we will simplify the formulas so much that it will just become a no brainer.
11		But you can see that we're already seeing that we would have to adjust the understanding
12		of the toolkit, right?

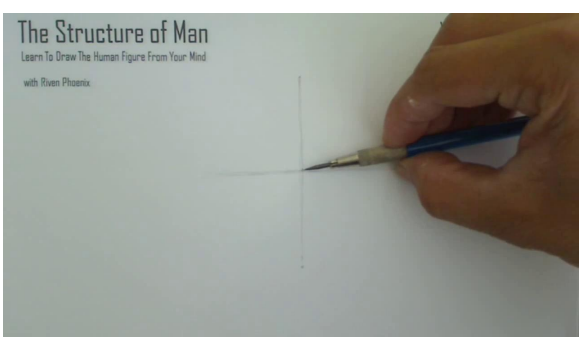
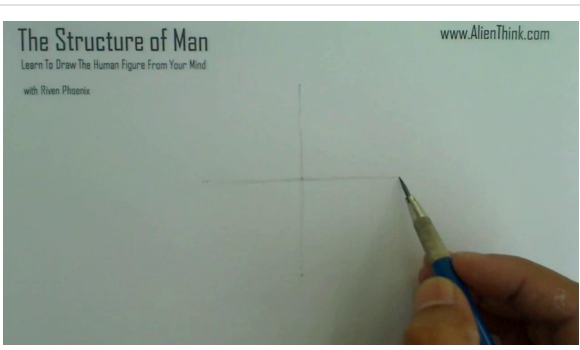
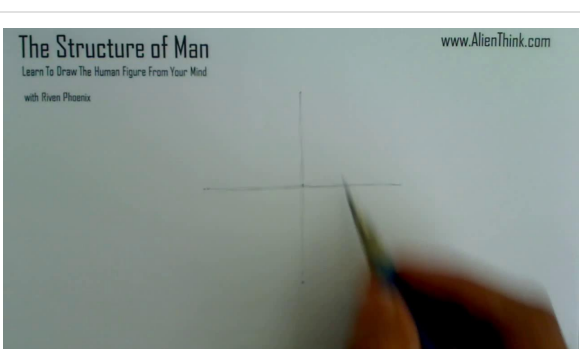
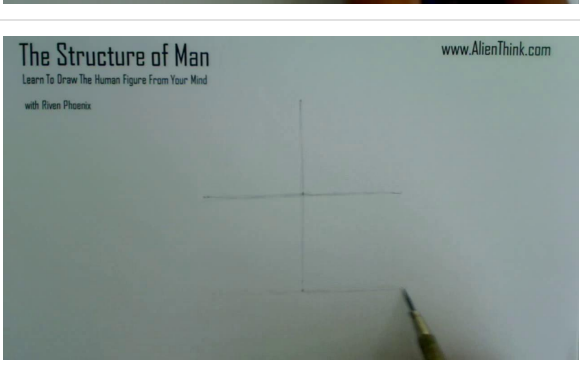
13		So through this process, you can see that we're we're getting to know the understanding,
14		the structure of the figure in much more detail is like the secret understandings that only
15		we know and that what's going to make the difference between the artists who is doesn't
16		have the information to draw the figure and the artists that does, right?

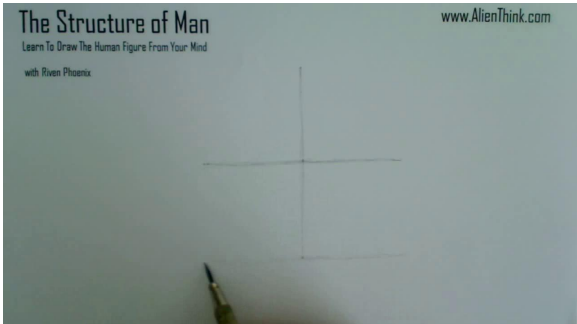
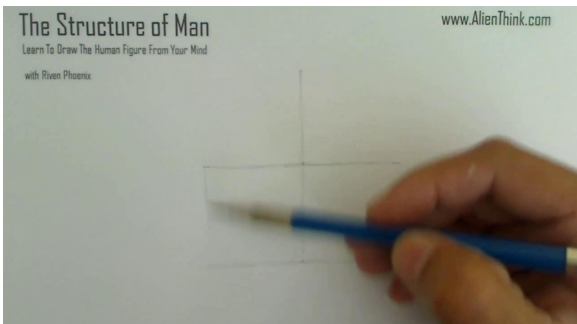
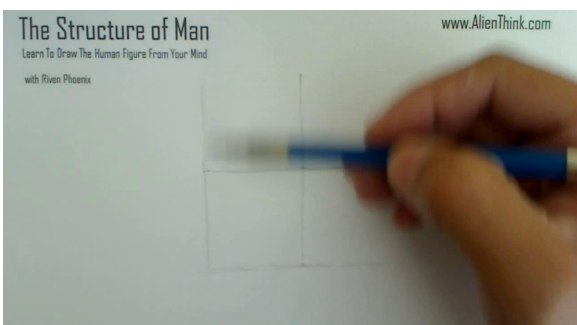
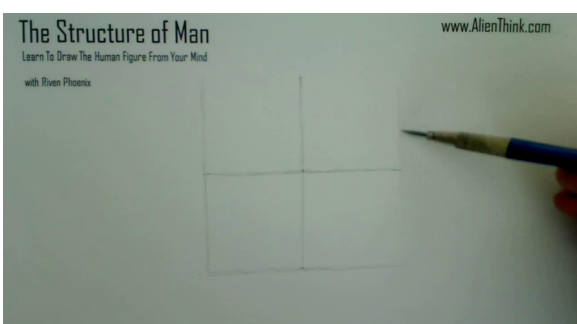
17		So if someone asks you how are you drawing these figures so realistically, you can go
18		ahead and explain to them the journey, the story of your figure drawing, which is the
19		structure of men.
20		So what we want to do now is take a look at these formulas again and also look at the

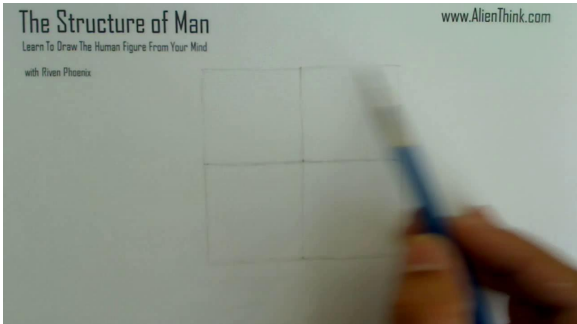
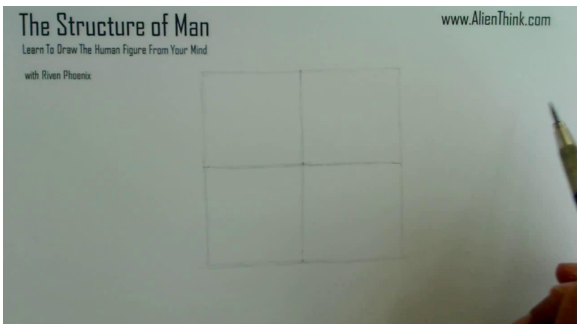
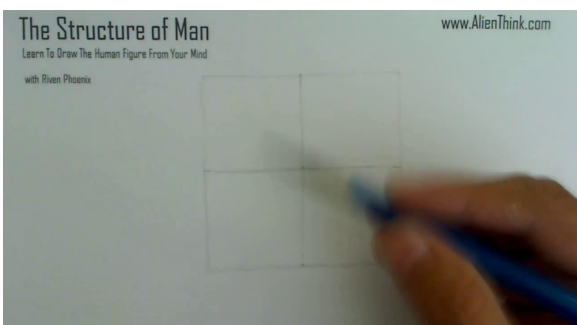
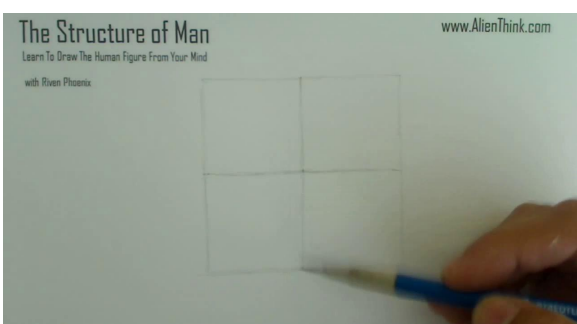
21		inside of this, right?
22		So here you'll see that once we do the formulas one more time, it's just going to be like
23		a sentence.
24		It's like you're speaking sentences, right?

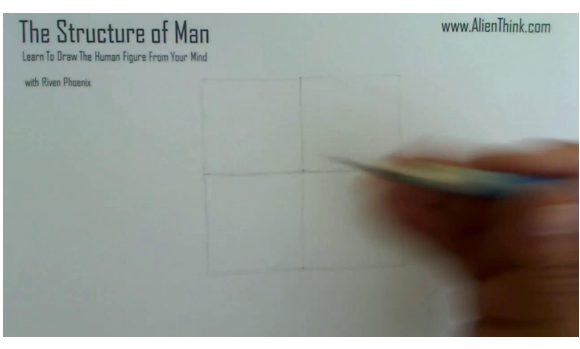
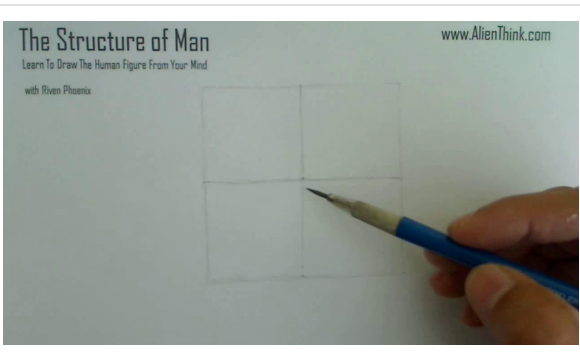
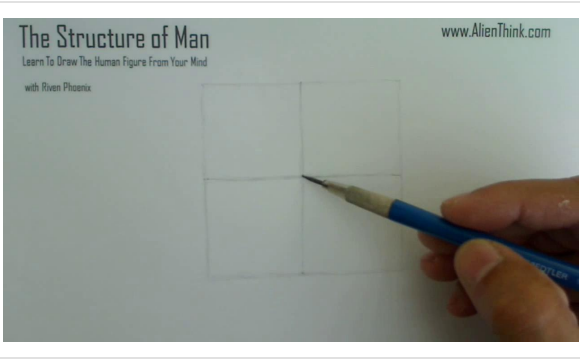
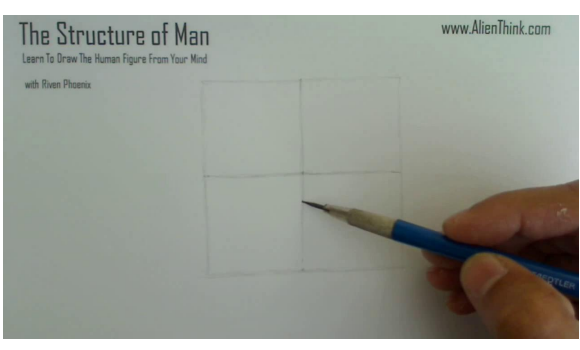
25		So just start out what we said was, okay, the formula, the secret understanding of the
26		design of the skull really is that we could just pull the line down, really doesn't matter
27		how long it is.
28		Once we have the line, we find the center of this, right?

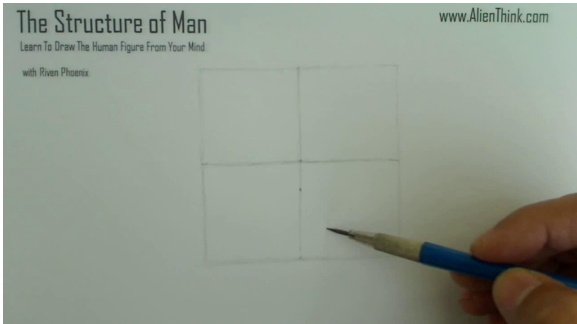
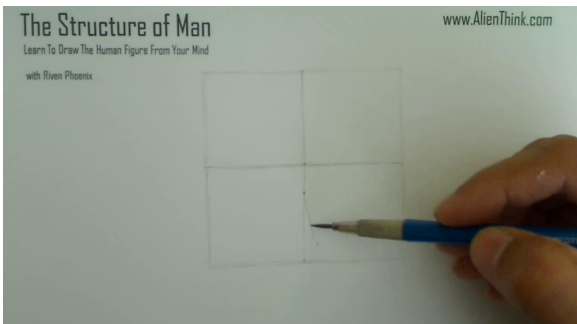
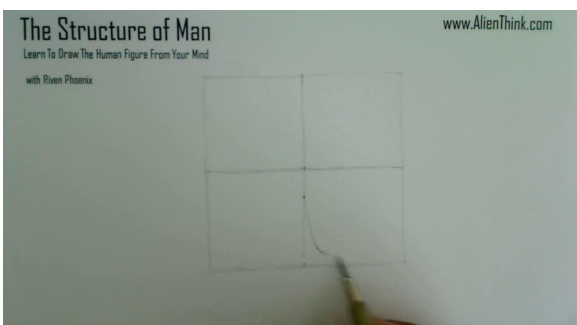
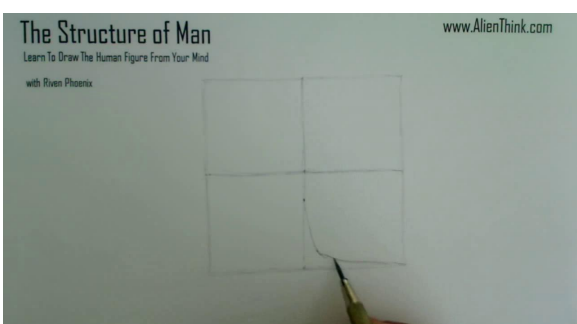
29		Just be our proximate with it and then draw a horizontal line making sure that it's
30		like a 90 degrees, right?
31		And we don't want to use a ruler here, just simply sketch it out like this.
32		Once we have this, we just want to look at the height of the half of this, translate

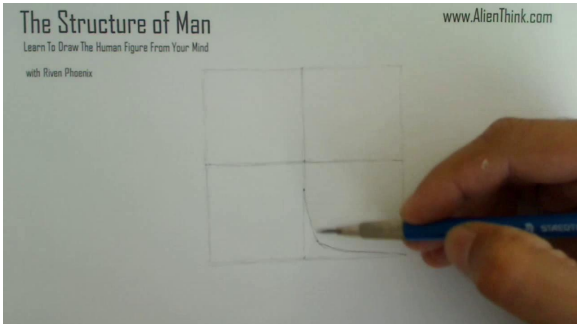
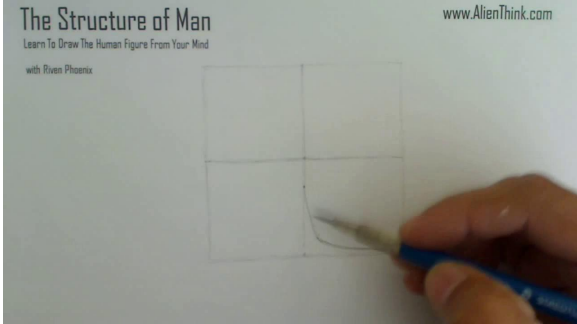
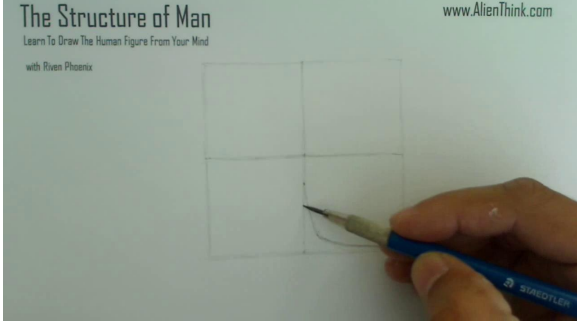
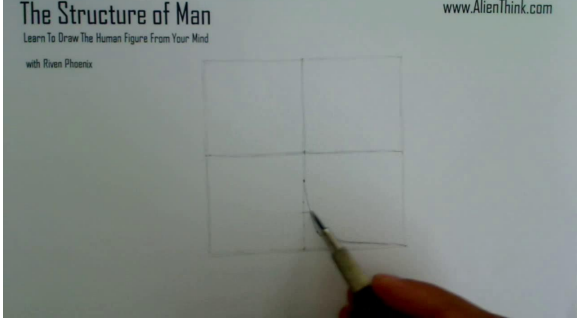
33		it over here, make sure that it's correct, just like this and we can just increase it just
34		a little bit by its width and that's it, there's really no much to it.
35		Once we have this, now we can draw out a very simple box around it, again, just get
36		it out, right?

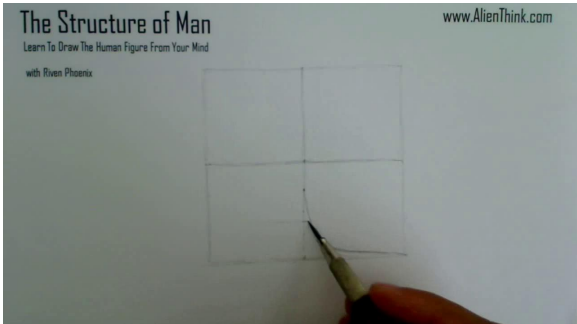
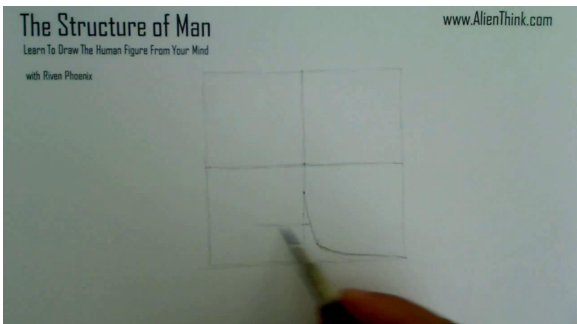
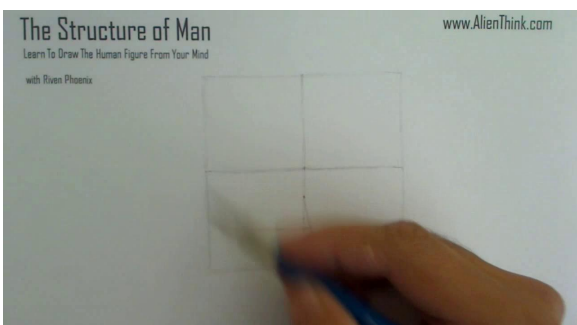
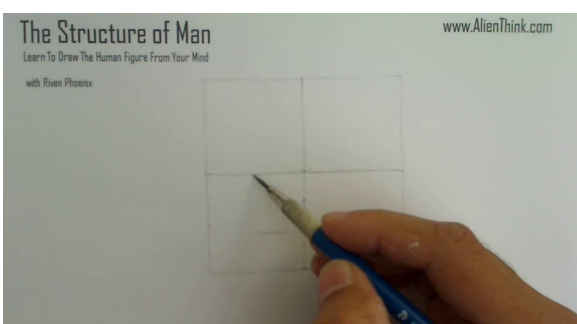
37		And be accurate as possible if you're seeing that your lines are not, if your box is like
38		a little odd chip, you obviously have to correct it, but if it's slightly off, if it's
39		like slightly off, don't worry about it, right?
40		Because it's really the, that's what's going to, the figure is very organic, right?

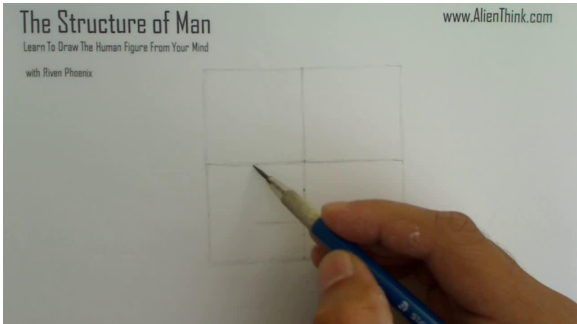
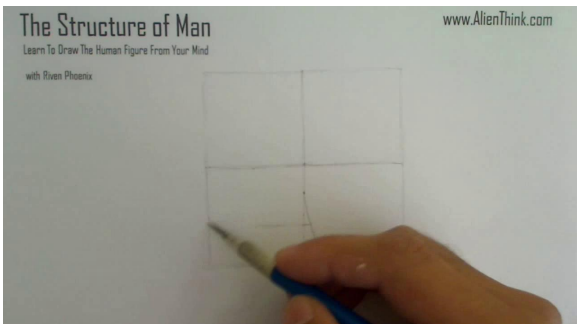
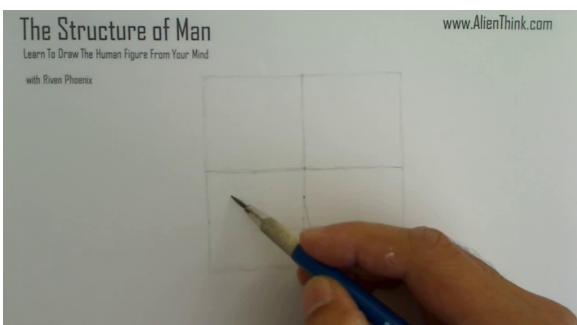
41		Our invention of the figure is going to be organic anyways, but this is fairly, very
42		approximate, very accurate.
43		So once we did this, right, the first, the sentence of the formula for the skull was basically
44		we were going to find the jaw line when it's facing this way, it's going to be the

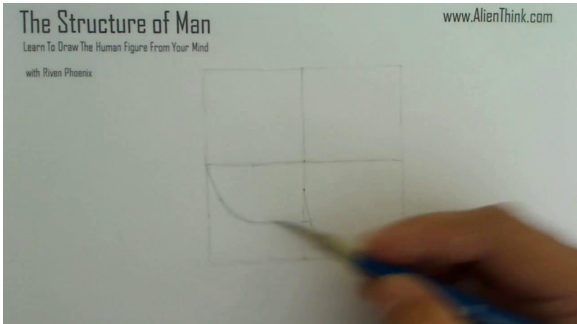
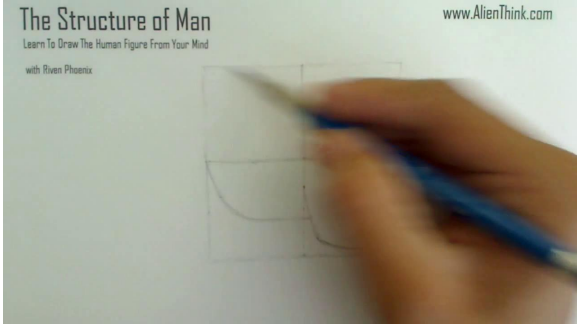
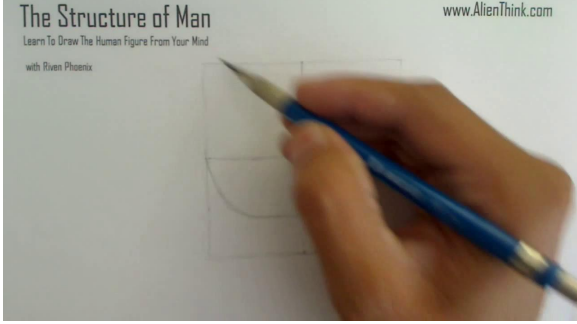
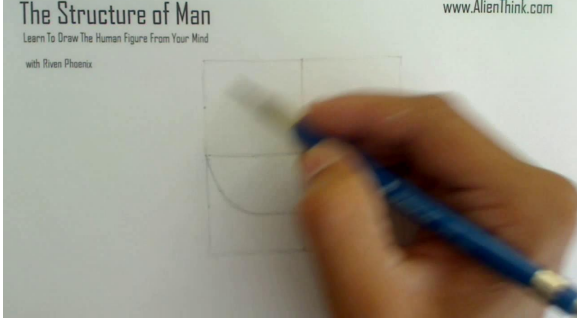
45		same thing facing that way, right?
46		So we're going to do it this way.
47		So here I start from the center, bottom, divide, divide up, I get the point where the
48		jaw should be from here to here, I find the center of this line here, divide again, I

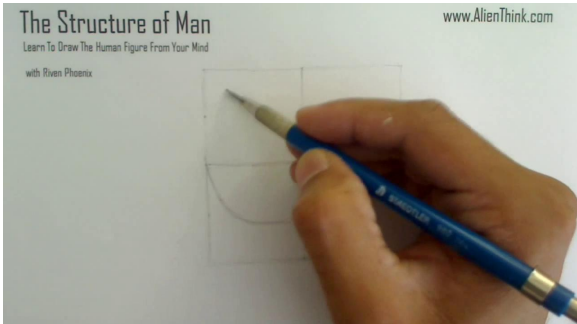
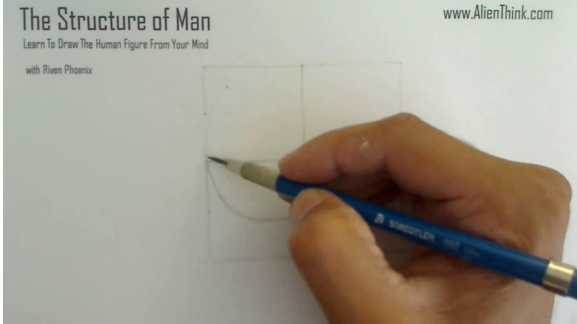
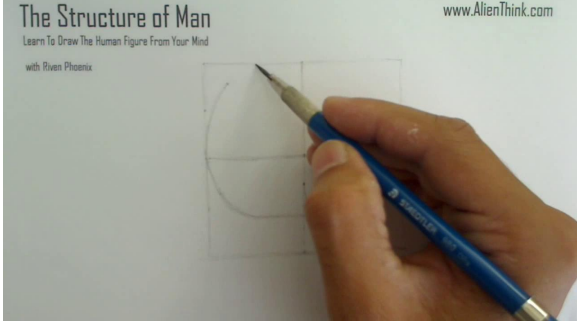
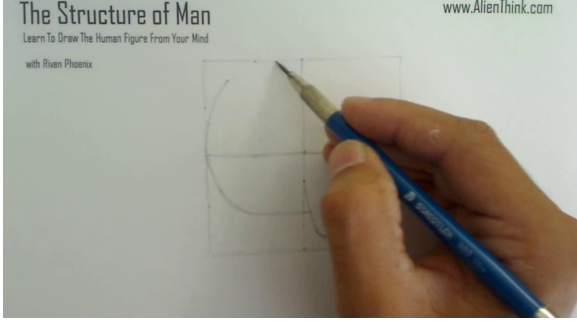
49		get the center of this divide again, and basically I know that this is where the, the line
50		for the jaw should be, and I just start curving, and I end up over here.
51		And this gives me that very subtle angle for the, the skull, right?
52		So here I'm just going to be sketchy about this, right?

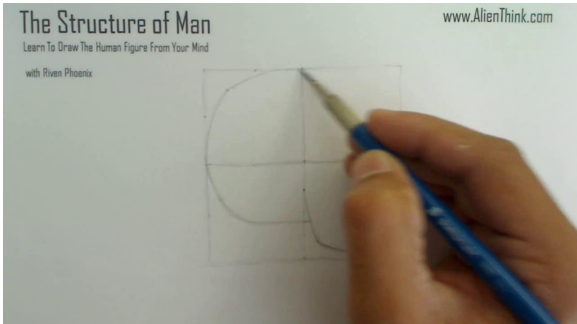
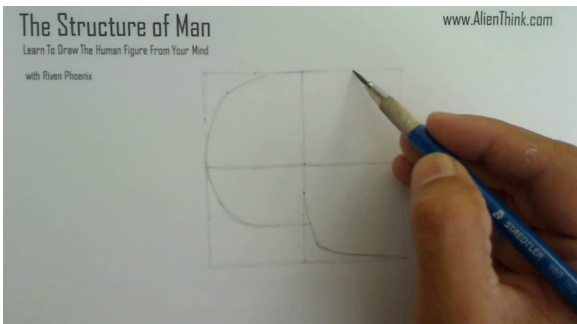
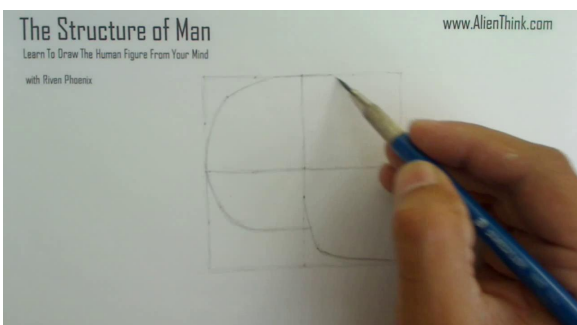
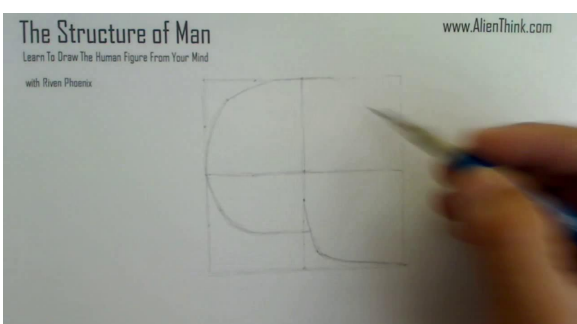
53		So just do like this, like you're sketching out the skull.
54		So the back of the skull was from when you know the center, from here to here, you know
55		the center, you go down, dividing, and then you go up, and basically you get the back
56		of the skull.

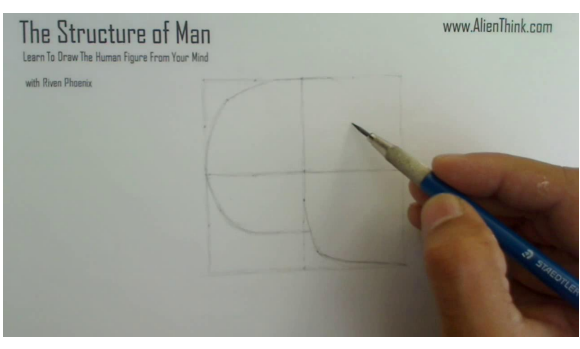
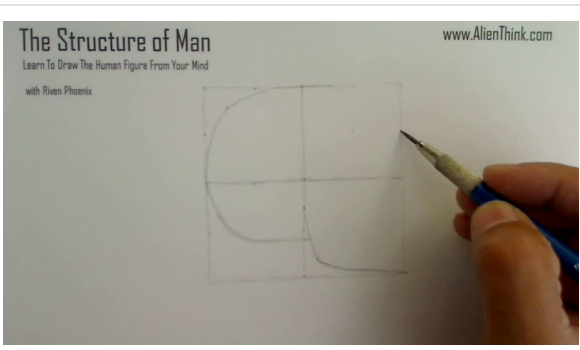
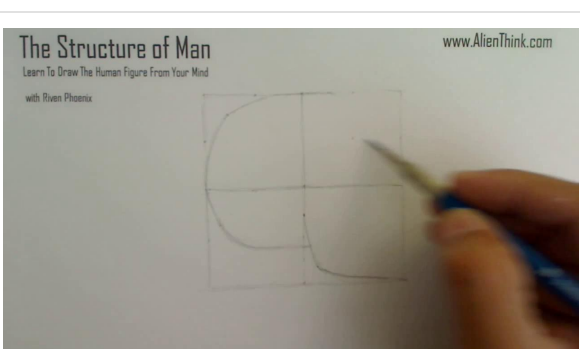
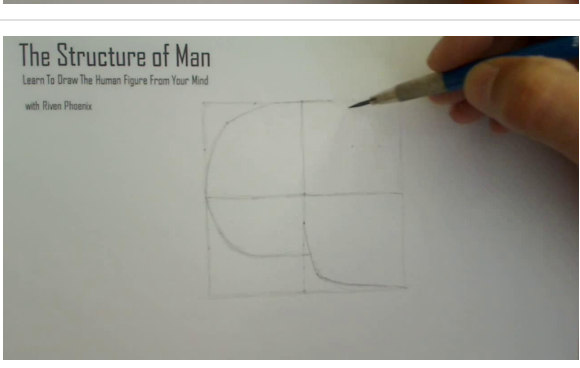
57	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	And you basically, that eyeball that you want to come kind of like close to the center where
58	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	you'll start to turn up, and to turn up, it was very easy.
59	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	From here to here, we find the center over here, from here to here, we find the center
60	 The Structure of Man Learn To Draw The Human Figure From Your Mind with Riven Phoenix www.AlienThink.com	over here.

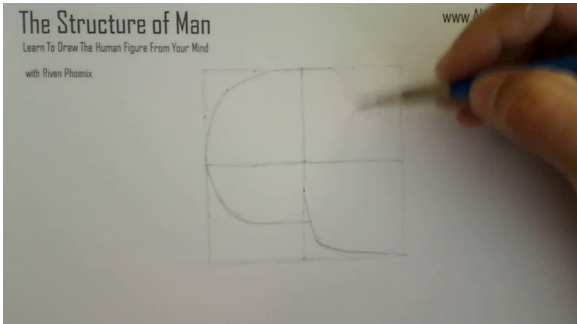
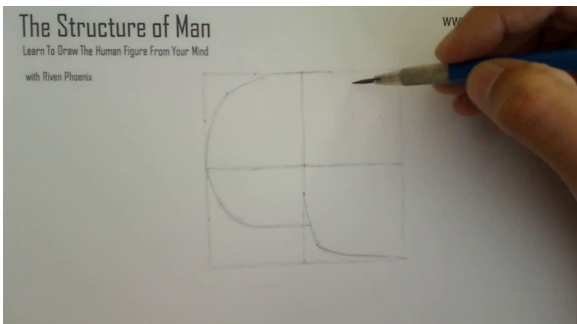
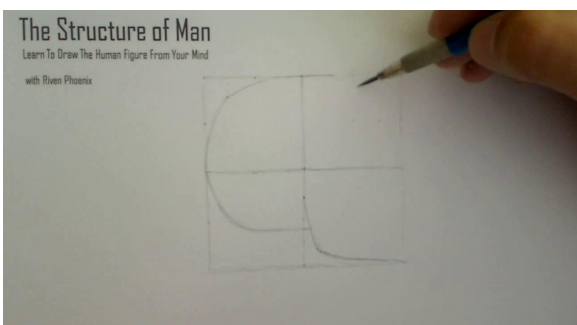
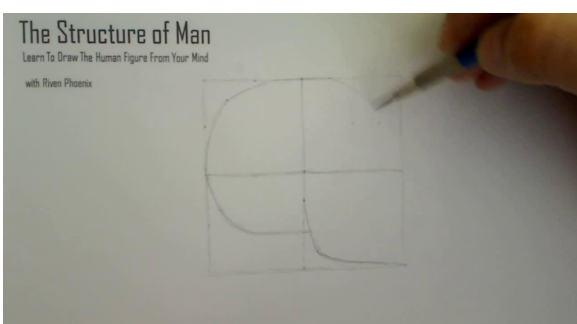
61		Right?
62		So basically we need to divide from, if we pull this line here, we look at this, we find
63		the center, and then divide, and that's basically it.
64		We just come down like this, and we can just sketch out at the skull over here, like notice

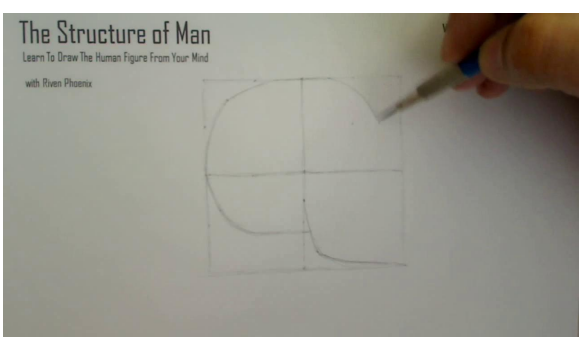
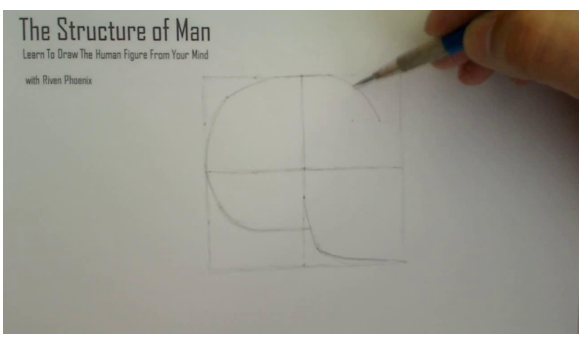
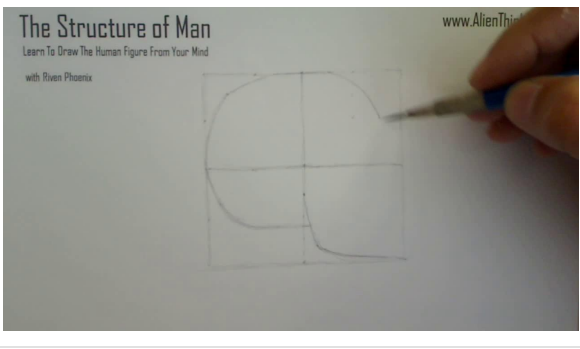
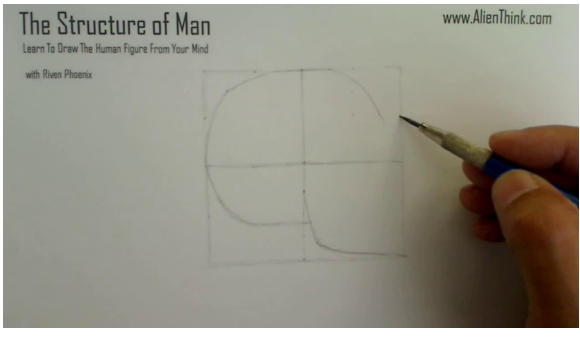
65		that I'm just sketching it out, like these rough lines, the design of the skull.
66		The next thing was, we know that there's a flat area over here, and we need to understand
67		the curve is very easy, from here to here, we find the center, from here to here, we find
68		the center, and then here, we're going to find that center point from here, and that's

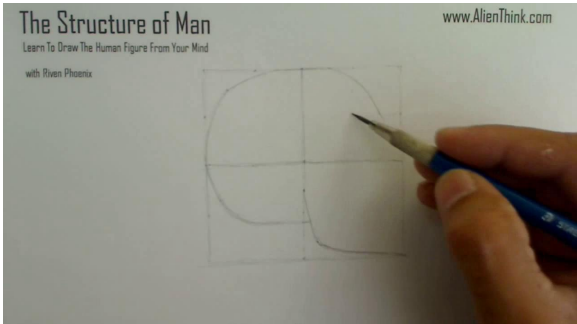
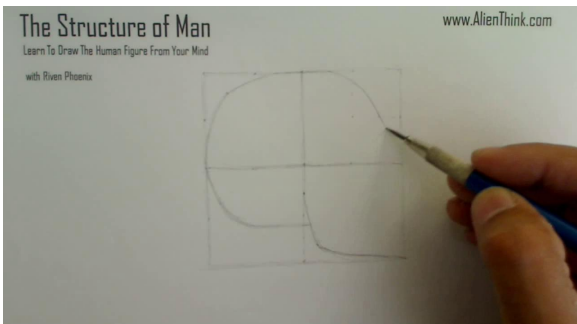
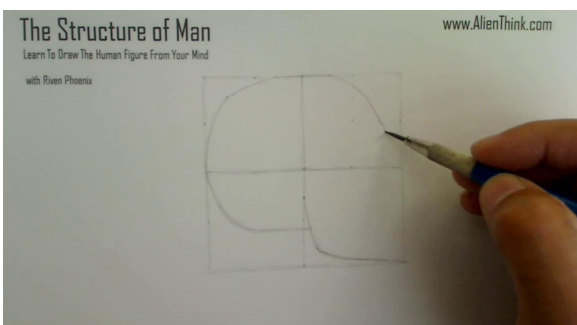
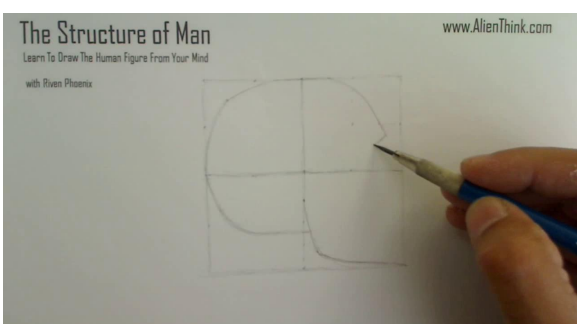
69		basically it.
70		We just come back in this direction, come this way, then we need to come over here.
71		We know from here, where we were in the center, from center, from here to here, if you divide
72		this in half, we know that it's going to be this angle, then it's going to flat line

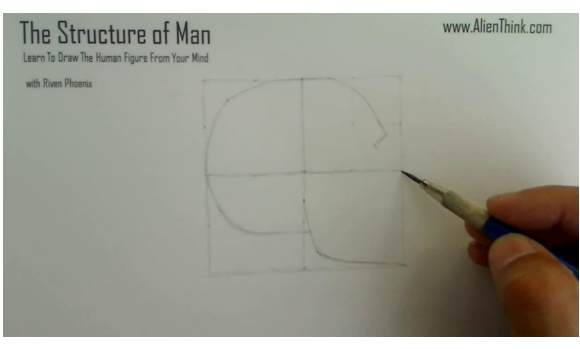
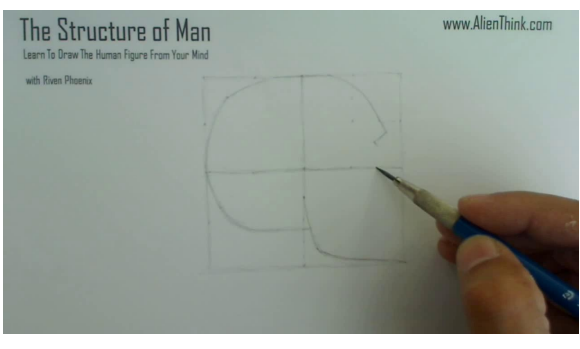
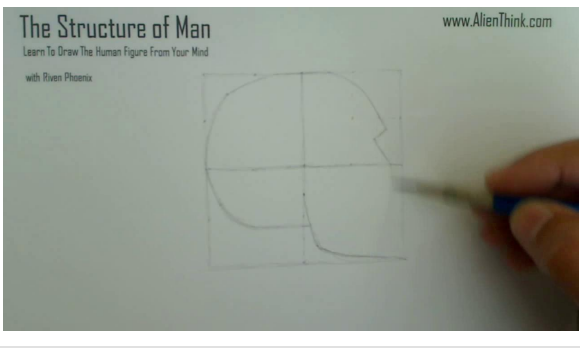
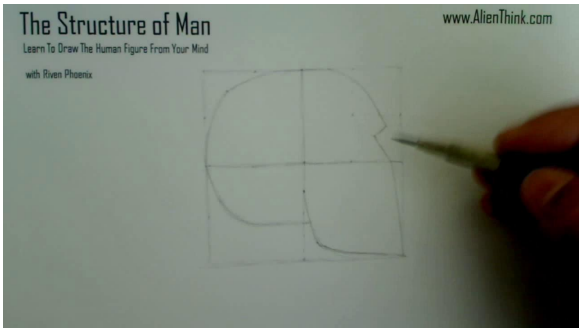
73		on top, over here, it's going to be the same thing from here to here.
74		We divide this in half, divide this, we know that it's going to be all flat over here,
75		then it's going to start to curve.
76		The curve was very simple, as long as we know the center of this box, so here I'm just

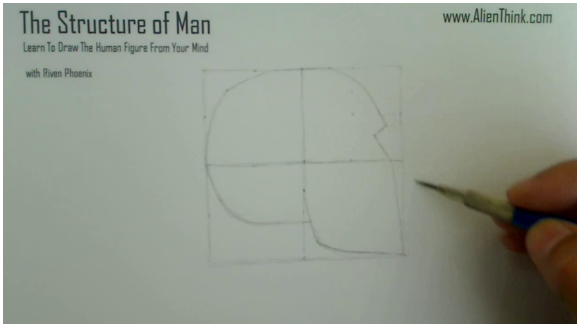
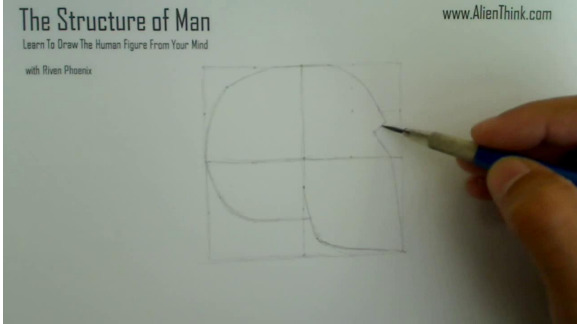
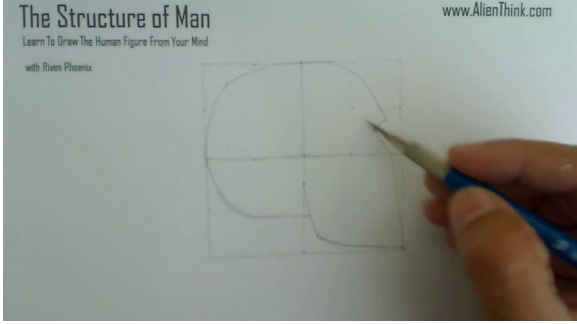
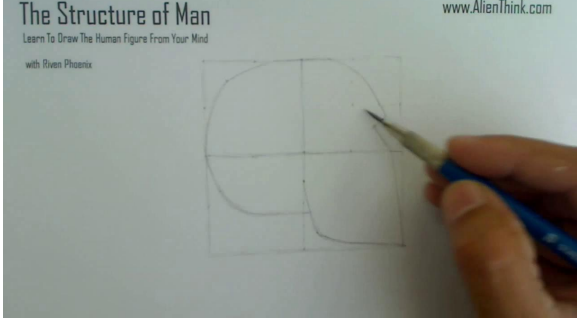
77		going to say that this is the center, from here, so basically from here to here is the
78		center, right?
79		It's like a horizontal line, I just need to find the center over here, and I can curve
80		it, but I know that there's, because of the way the temple is, we can't just curve it,

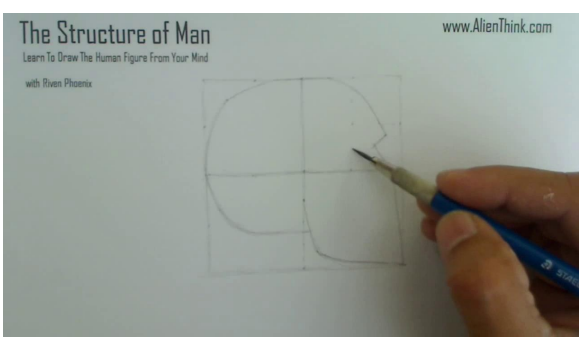
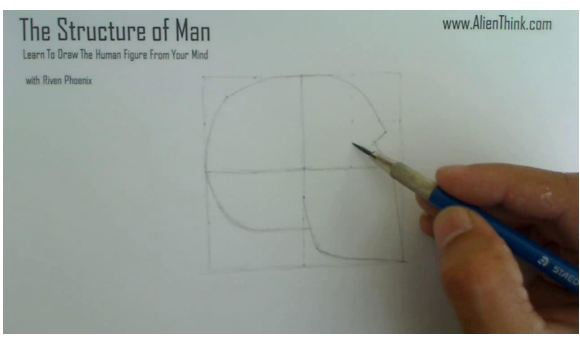
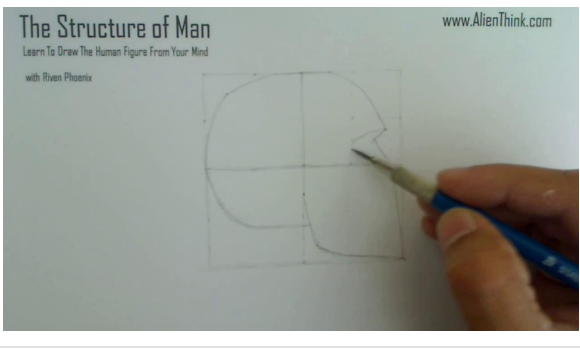
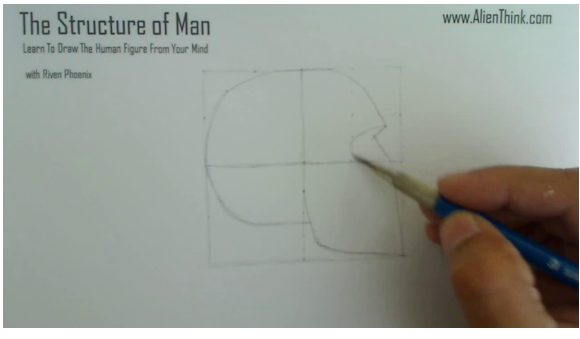
81		we can just assume from now, so from here to here, I know that this is going to be here,
82		then I know if I divide it up, this is where it should touch, right?
83		So it just should be an obvious statement, that when you're curving it, you should know
84		that, right?

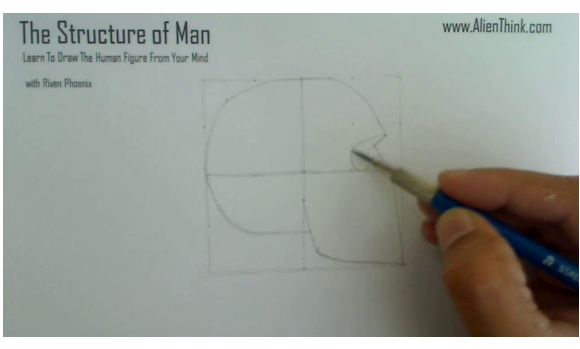
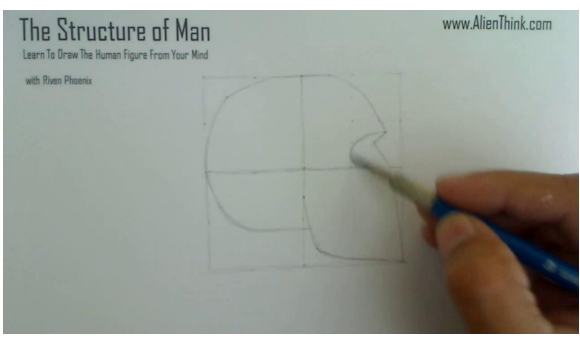
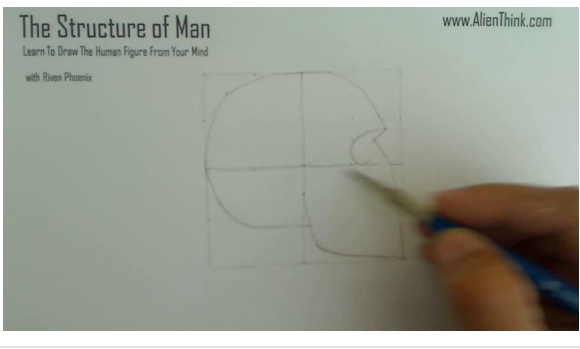
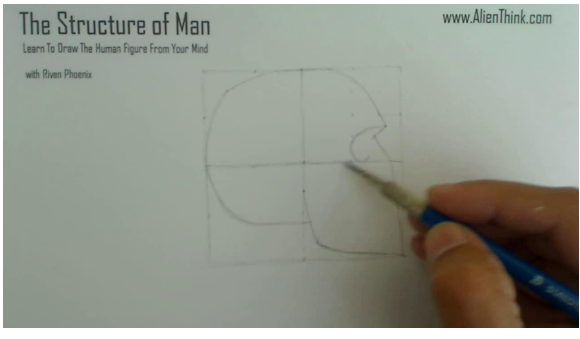
85		The temple is just going to be like this, meaning that you really don't have to measure this
86		part, you just know that, for now on you'll know that it's just going to be here, right?
87		So once this starts going in this direction, we know that it's going to collide with this
88		angle, from here, this is the box, right?

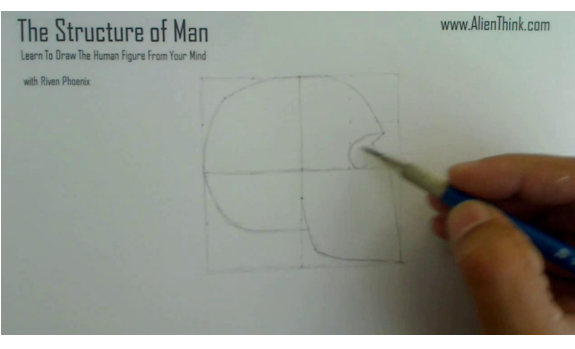
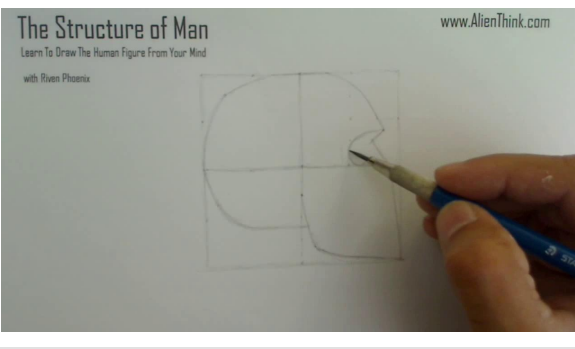
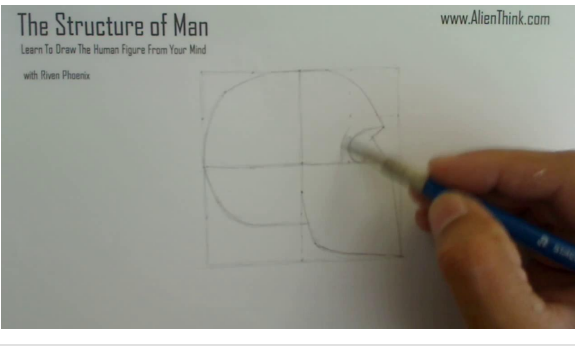
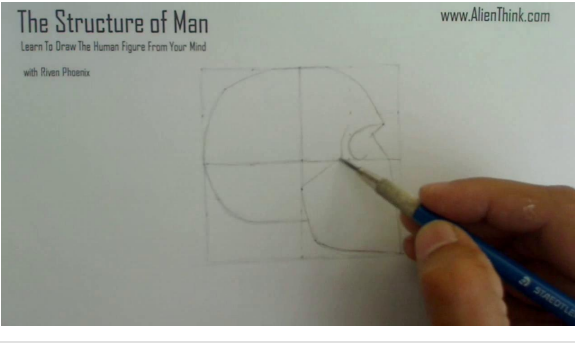
89		This is the box, from here to here, if there was a line here, this is the collision course
90		it would hit, and this collision course, it goes, it's like a line that's going, going
91		this way, then it starts going this way, then from here, this corner here, we know that
92		it's, this is the point that needs to start turning, and the angle that it hits, it can't

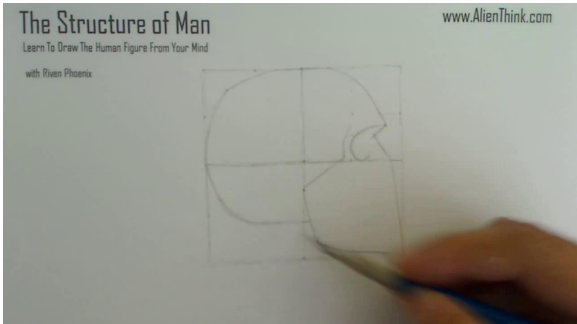
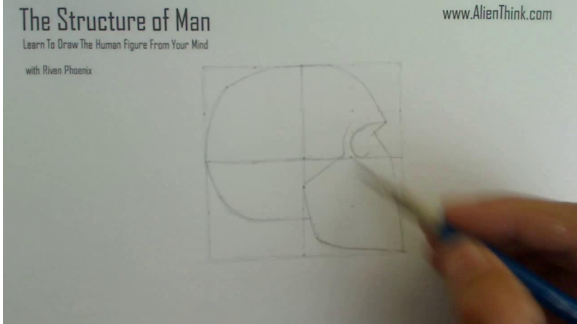
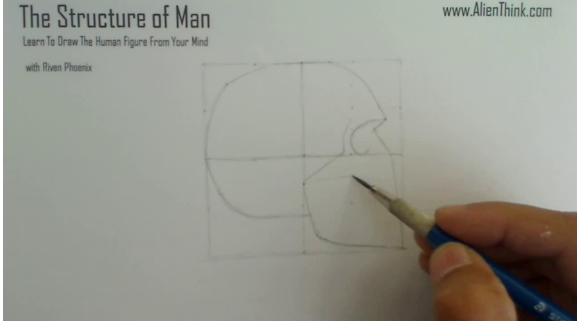
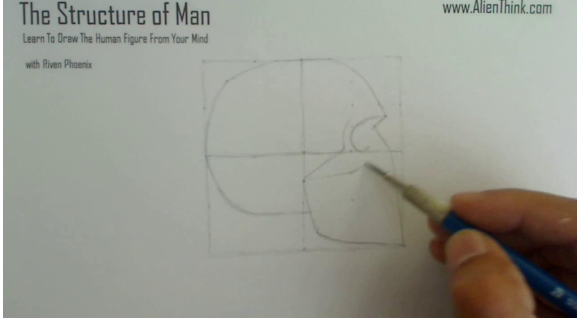
93		come here, it needs to come somewhere here, and that was very simple, from here to here,
94		I divide this, divide this, that's basically it, I just come like this, over here, and
95		then here, I can finish off, let's go, right?
96		So this area here, it's really the bone of the nose here, and then your nose will come

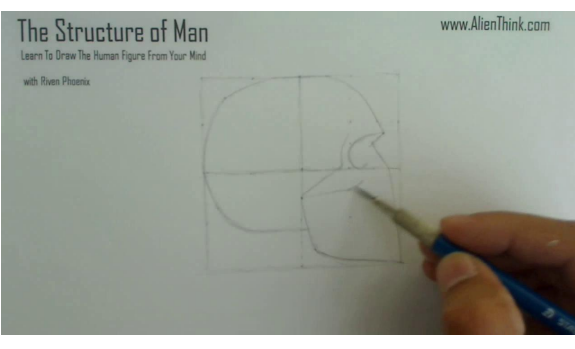
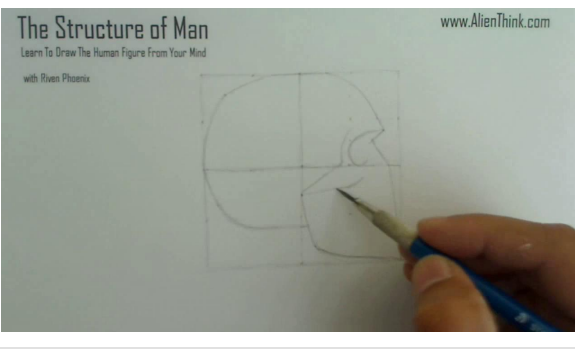
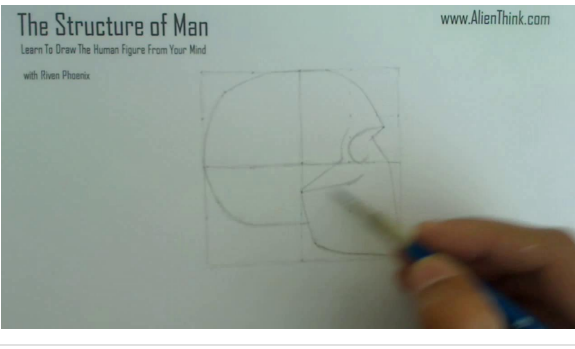
97		in this way with the cartilage, right?
98		But notice that how easy that formula was.
99		So all we have to do now is figure out the inner workings of this, which is very simple.
100		So where this point is, right, and we understand that there's a box here, basically if you

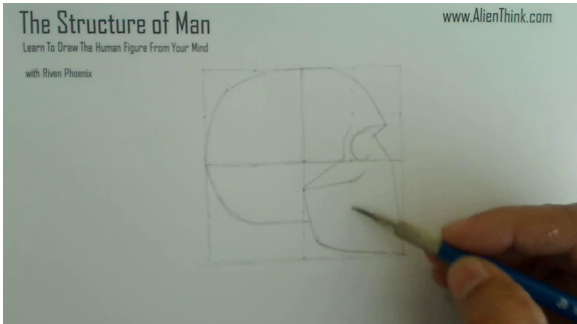
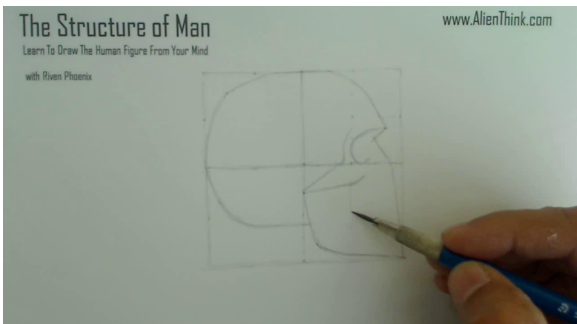
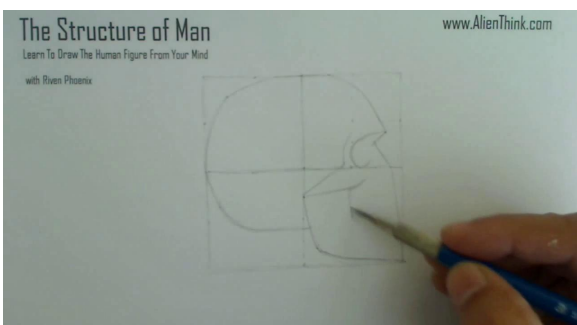
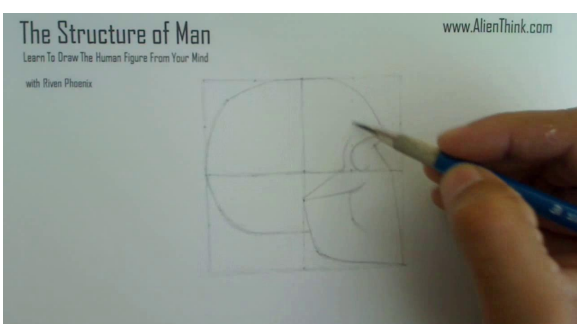
101		divide this in half, you just know that from here, see how this is a little above and this
102		is a little bottom, you just need to come like this, like a curve, don't even touch this
103		point, just know that it's going to curve, and where this line is, you're going to curve
104		like this, and there, and just do it this way.

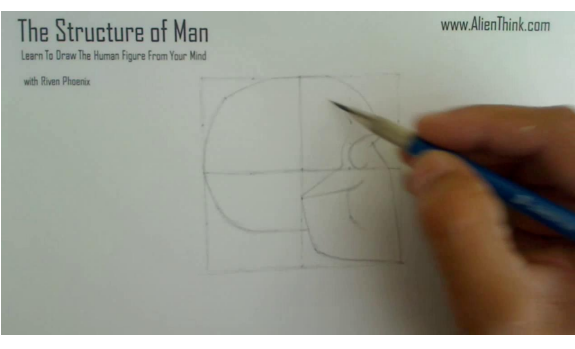
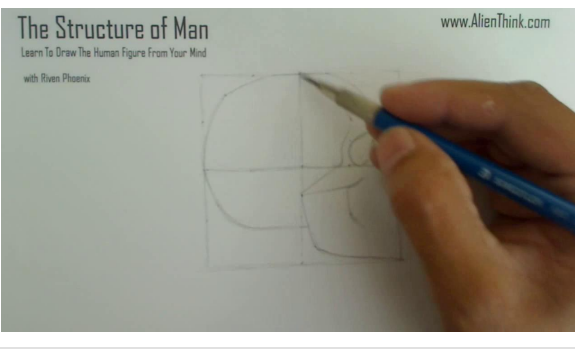
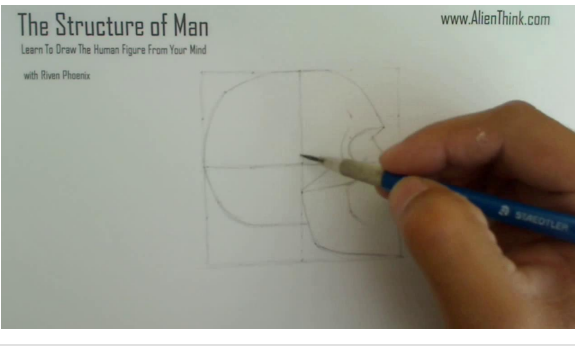
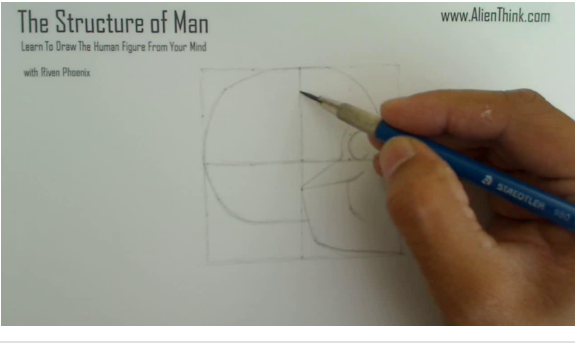
105		So this gives you like the eye socket for your skull, right?
106		It's a very simplified design over here, and that's it.
107		Now for the cheek bone, where we were at the jaw, all we have to do is from here, we have
108		to somehow create a line that defines the cheek bone.

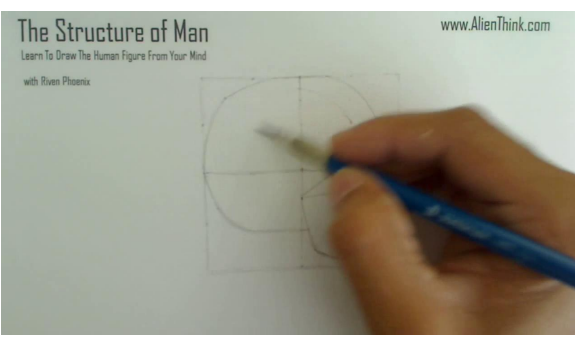
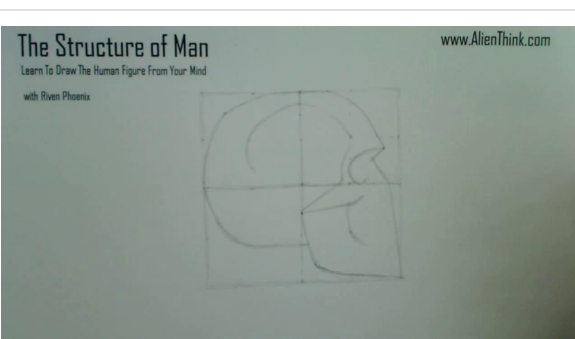
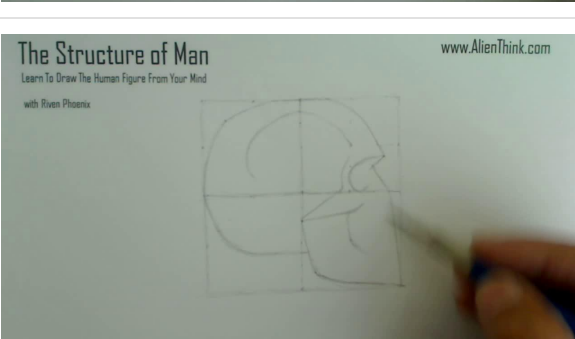
109		So meaning that where this eye socket is, there's actually a bone here that separates it.
110		So you can just determine like a width, just come up with a width, come like this, and
111		go in this direction, like this, and then just do this over here, right?
112		And this gives you the top of your cheek, and the bottom of the cheek is very simple.

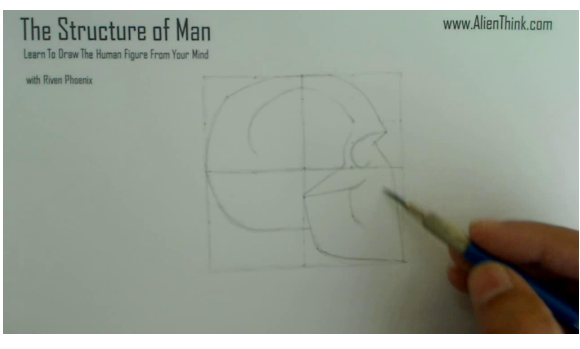
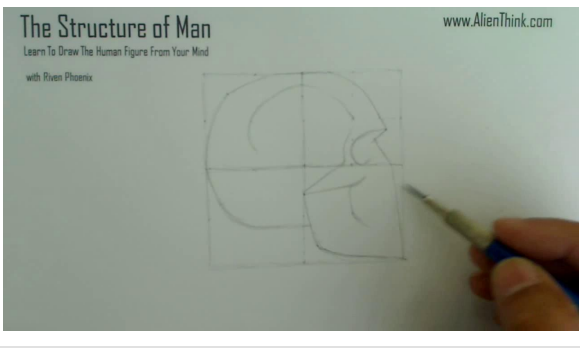
113		Since we know the center of this box is right here, and we know the center of this line
114		is here, if we divide this in half, and that's it, right, we can just simply go like this,
115		and then we can just make a curvature going in this direction.
116		And this curvature is basically where this center is, it's just coming to the middle

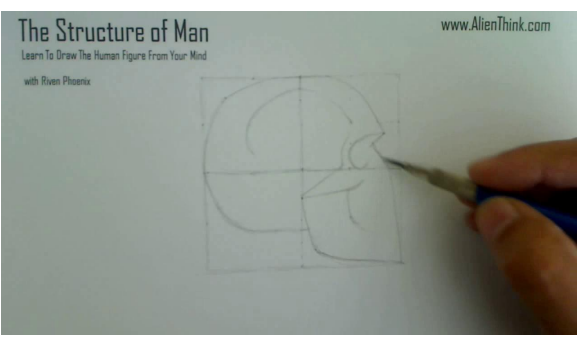
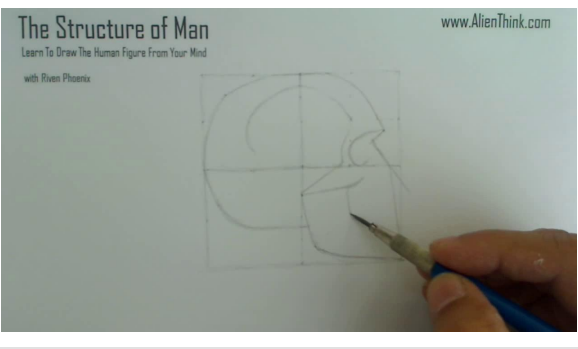
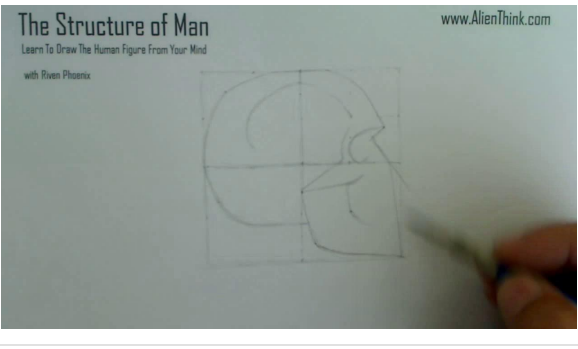
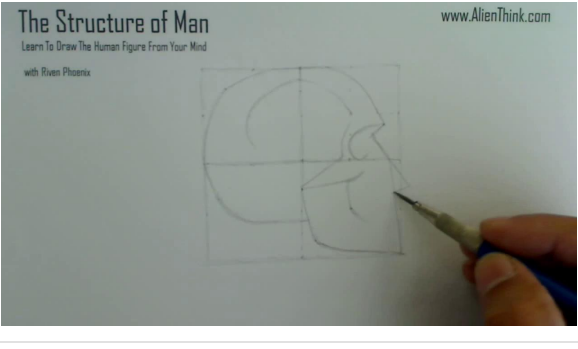
117		like this.
118		So usually I just do this, and this gives me enough information to do the skull.
119		Okay, so once we have this defined, we now need to understand how it's the jaw supposed
120		to be, it's very simple, where the center, where this is, and this is, it's just this

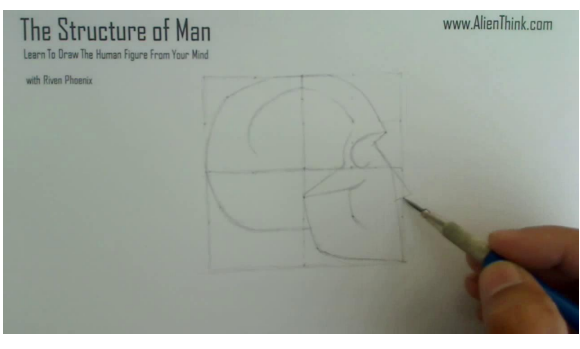
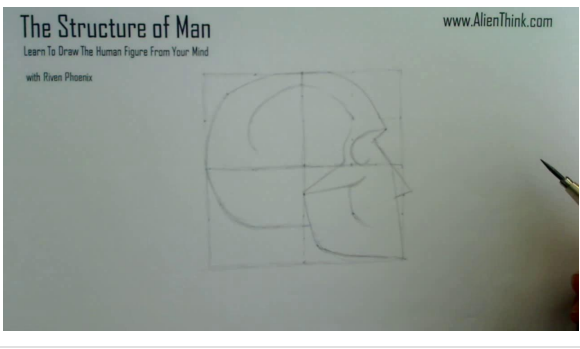
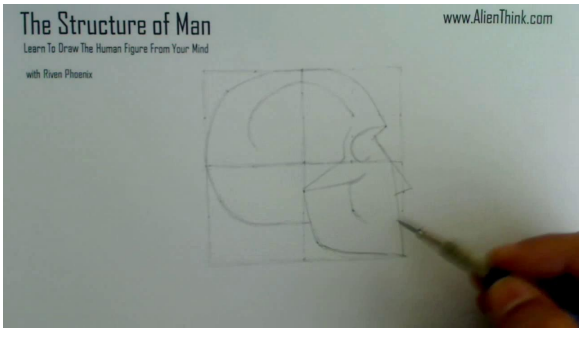
121		line.
122		From this point here, we're just going to curve it slightly, and this will now give you
123		the jaw definition of the jaw, this is very easy, right?
124		And now here, where this is, we know that there's supposed to be a line over here, obviously,

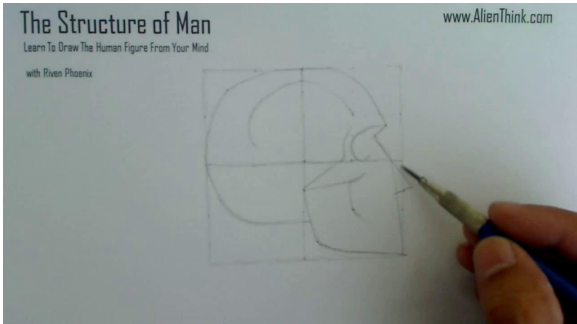
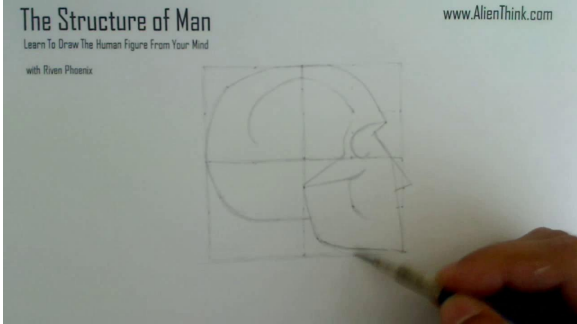
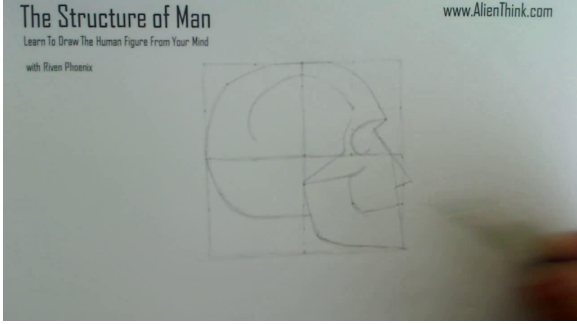
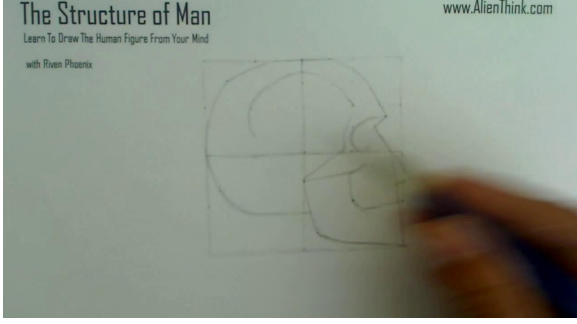
125		right?
126		That goes in this direction.
127		To figure that out, we just said, okay, from here to here, when we find the center,
128		we go up, then we can go up just a little more, and this will give us the line here, and

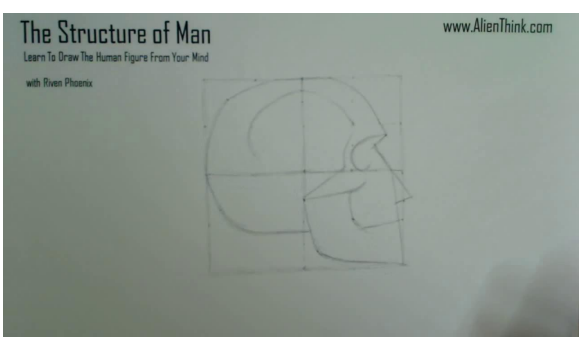
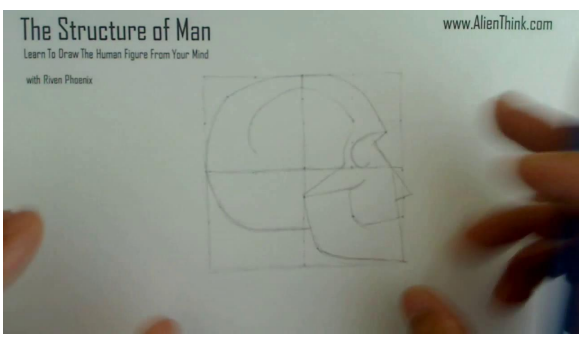
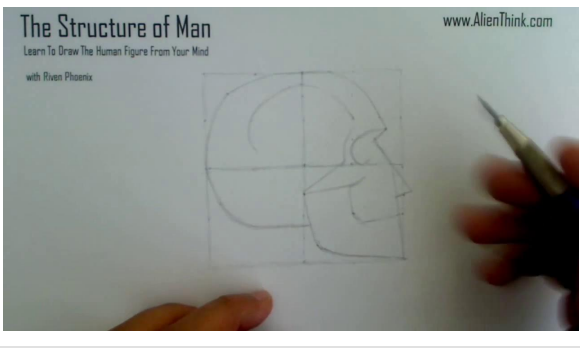
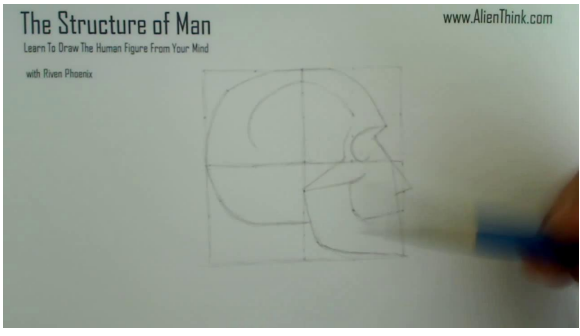
129		then the center of this is really where it comes, the center of this box, it's where
130		it's going to come, and it's just going to be like this, and this is like these features
131		of the human skull.
132		Okay, so the only thing left is really the mouth and the nose.

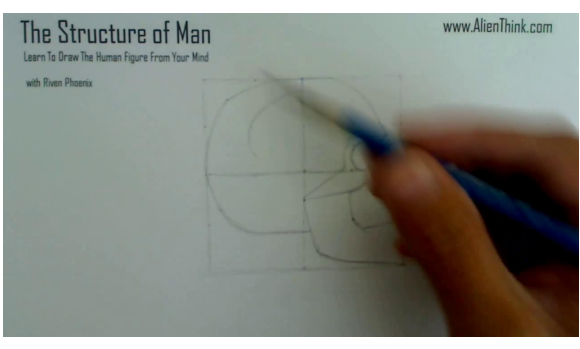
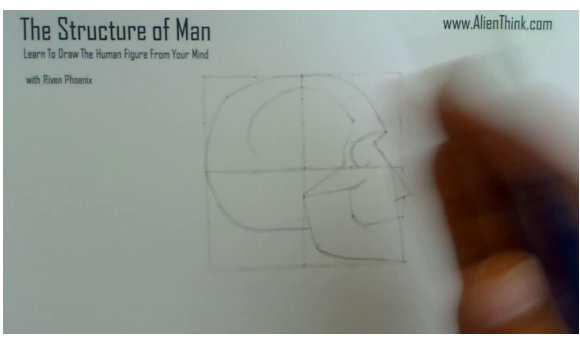
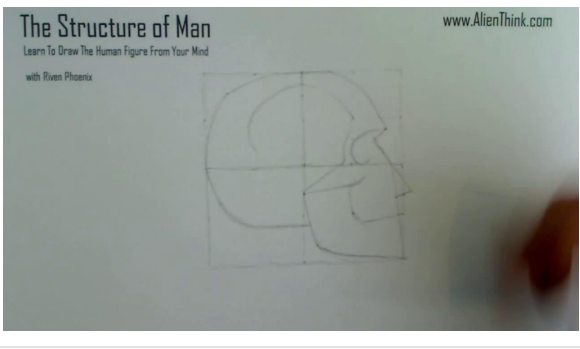
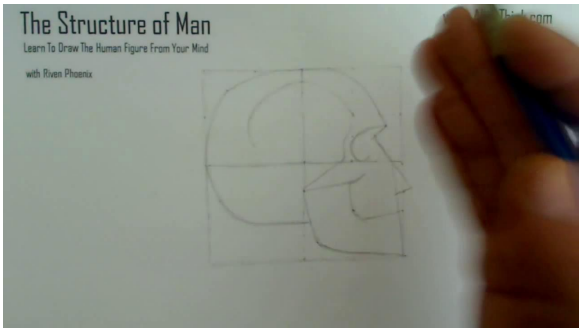
133		Now we know that obviously in the, our invention that we're creating of the skull, that there's
134		going to be a cut for the nose, but we don't have to worry about that at this moment,
135		it's because we will look at that when we look at the front.
136		But what I want you to know is that when, when you have this line here, basically you

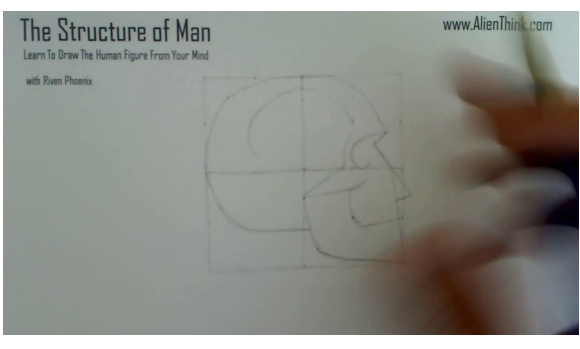
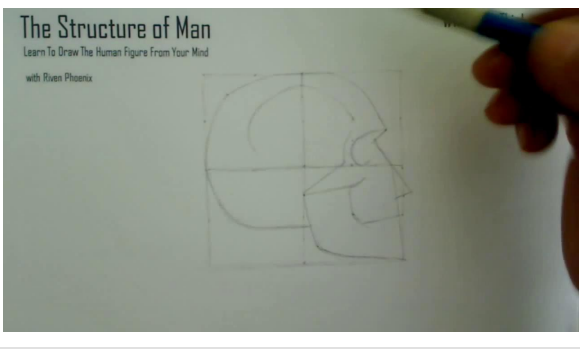
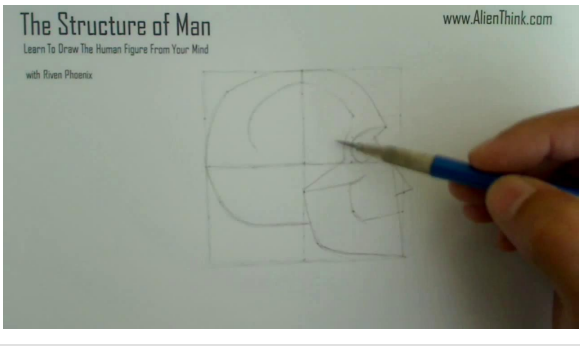
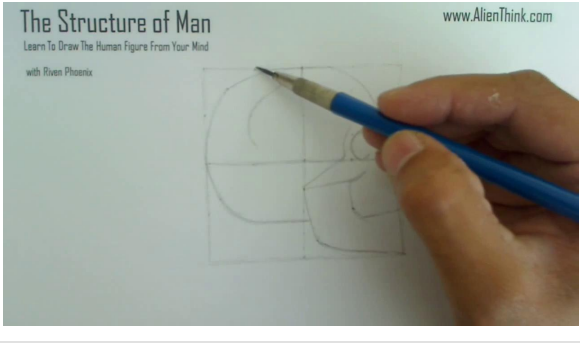
137		can just pull a very simple nose out in this direction, and where you are over here,
138		this is the center of this, right?
139		So if you divide this, this line here in half and go up, and basically this gives you
140		the, the line for where the nose should be.

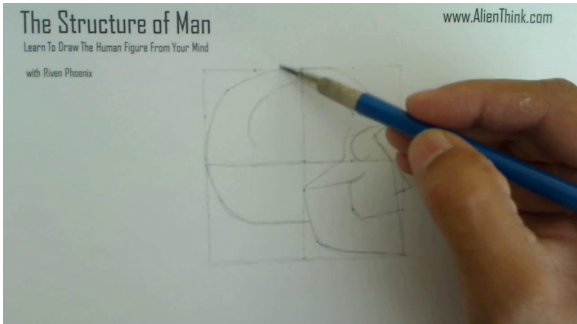
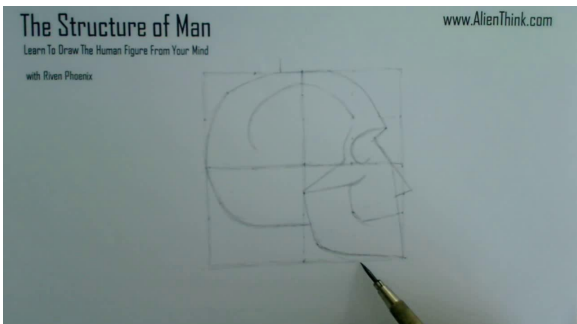
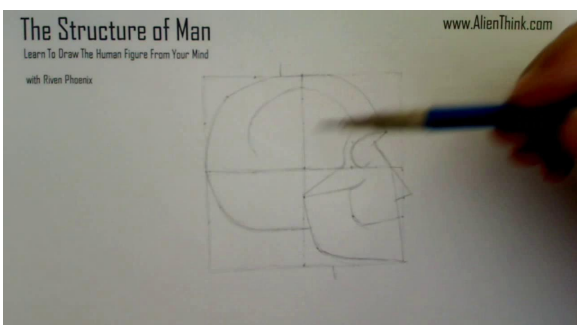
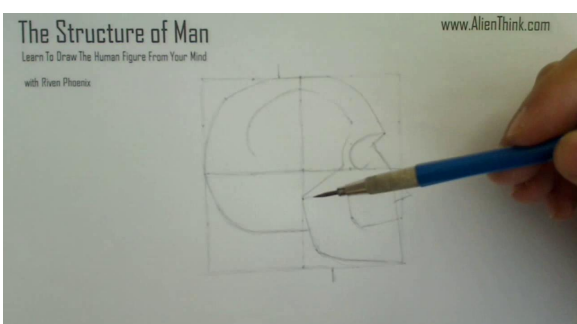
141		So what I did was from here to here, I divided this divided in up, and from here I pulled
142		the line touching this line, so this gives me the angle to where the nose is supposed
143		to be.
144		Right, so this sets us up to where the mouth is supposed to be, the mouth is going to

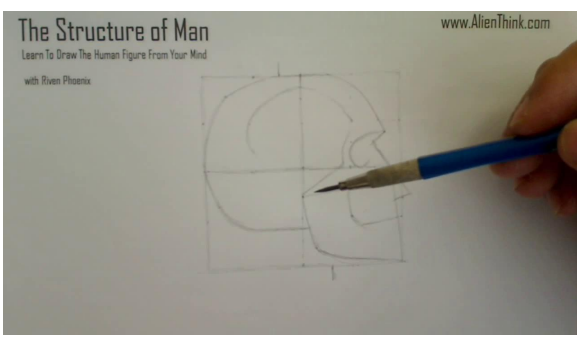
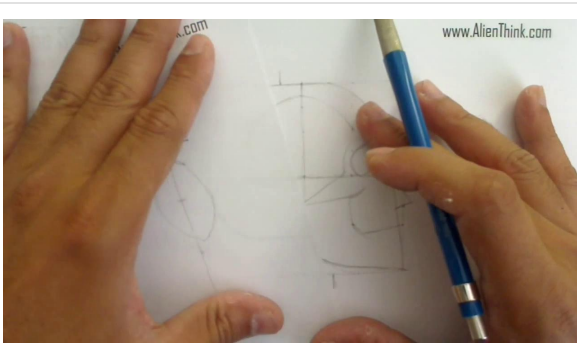
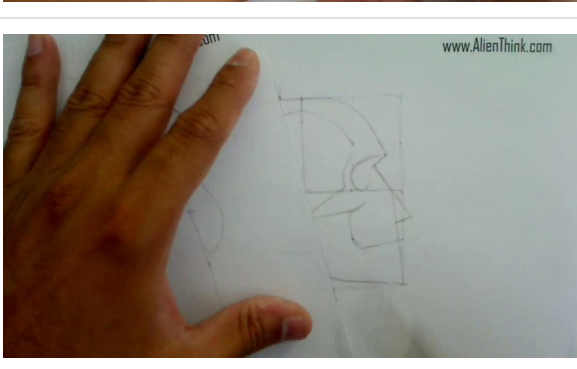
145		be where we had divided this in half, this is the beginning for the mouth, and from here
146		to here, if I divide this in half and divide up, this is the line for where the mouth is
147		supposed to be on the skull, right?
148		This is so simple that it's just amazing that what Devinji is saying in his, through

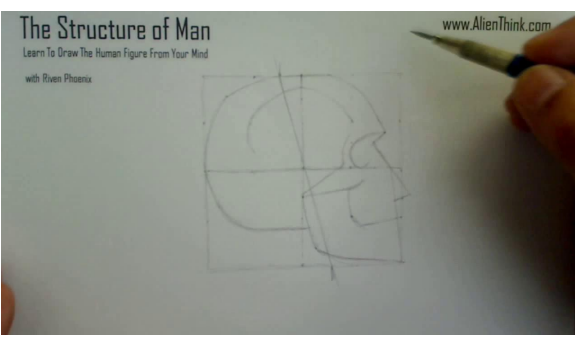
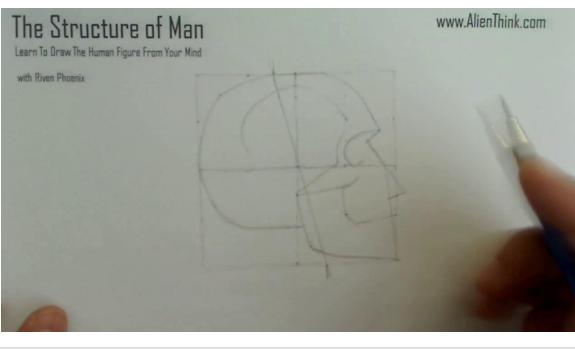
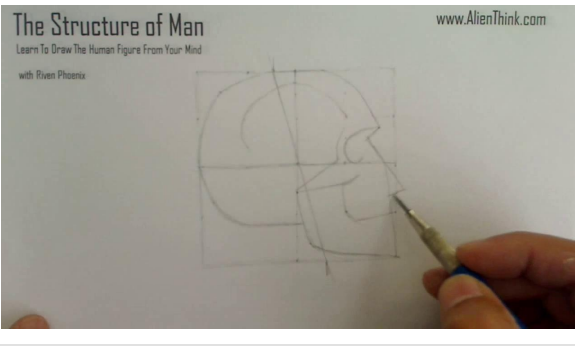
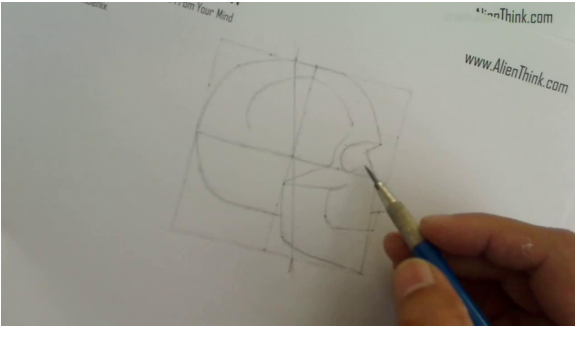
149		his studies, right, he's stating this through his studies, that once you start looking at
150		the figures and coming up with their own formulas, that your understanding of the figure
151		is just going to skyrocket, right, just as it is over here.
152		So now I'm just going to show you something extra over here that you should be aware of.

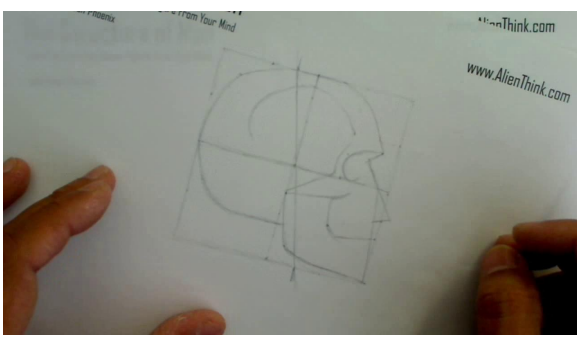
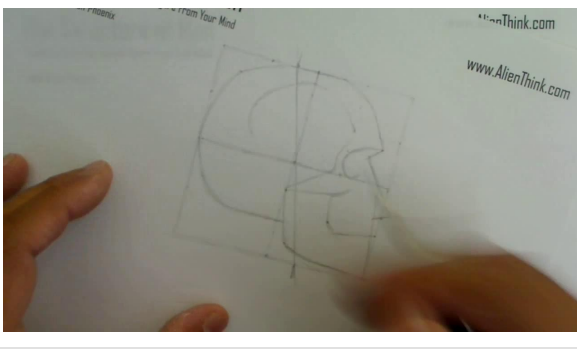
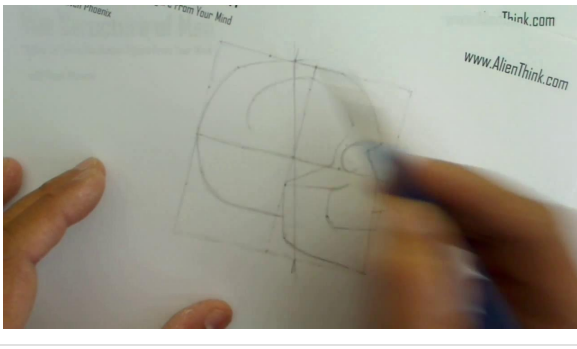
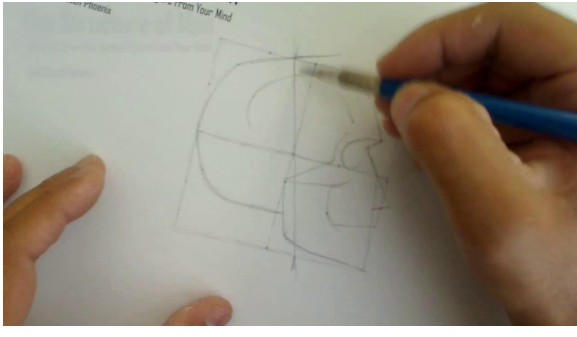
153		This is the formula that we've been looking at for that skull, right?
154		We've simplified it enough so we understand it's just a very simple sentence, and you
155		should be looking at this video over and over so you understand how simple it is.
156		The idea is not to memorize these, you don't really have to memorize this because we will

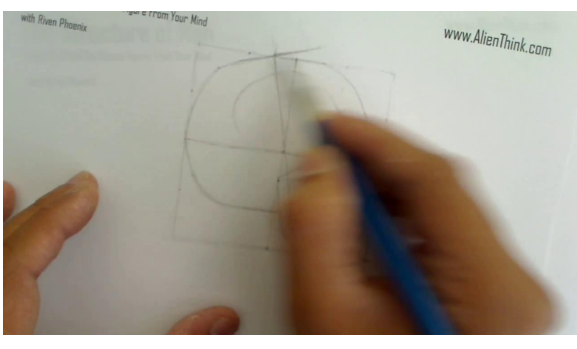
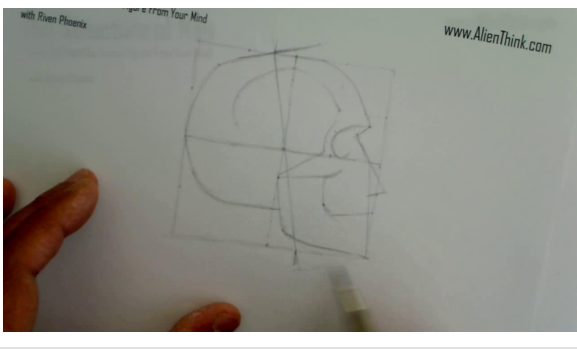
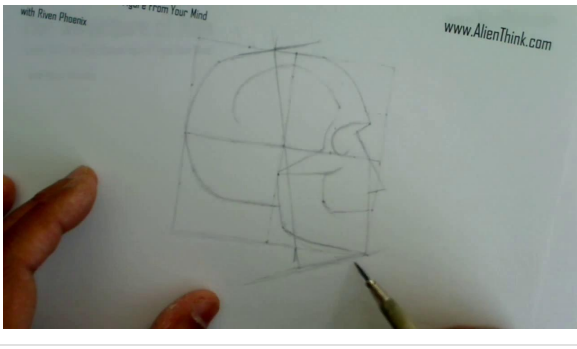
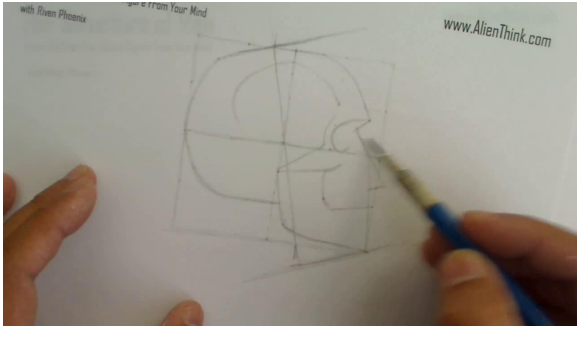
157		simplify this, but you can see that it's so simple that you're just going to remember
158		the many things.
159		So the thing I want to show you is that when you're here on the center, right, here we
160		have the center of this, we divided this in half, this, if you divide this in half, I

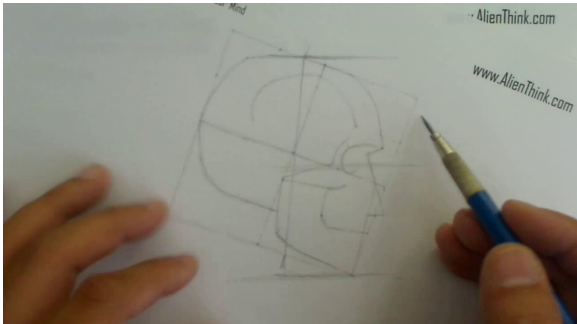
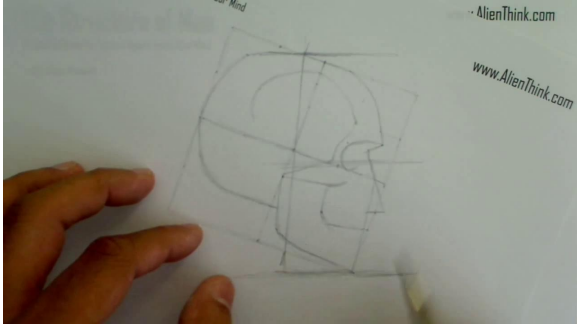
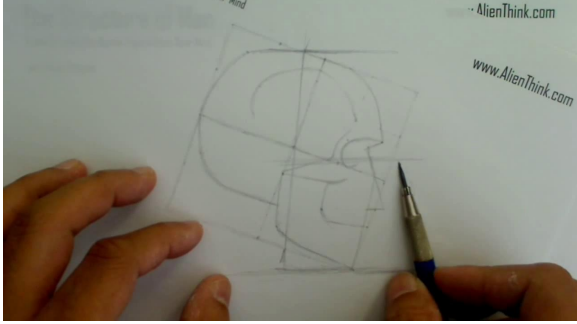
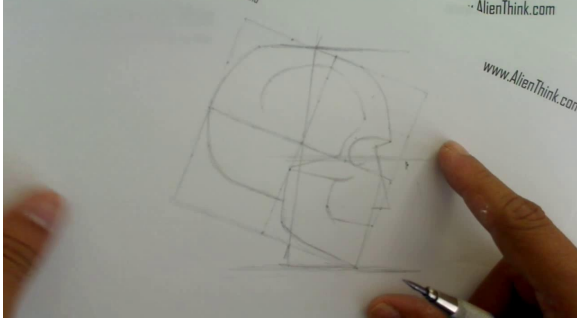
161		just want you to put a line over here, do the same thing here, from here to here I'm
162		going to divide in half, then I'm going to divide here, put a line over here.
163		So basically I want to connect from this line to this line, I want to do a connection
164		over here.

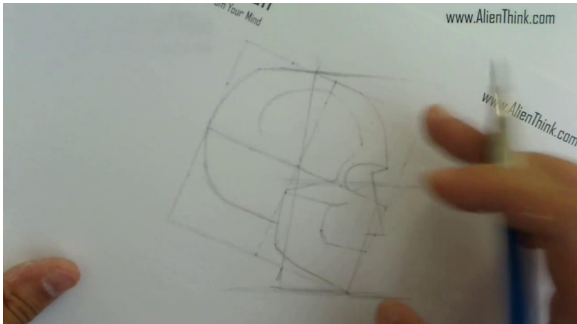
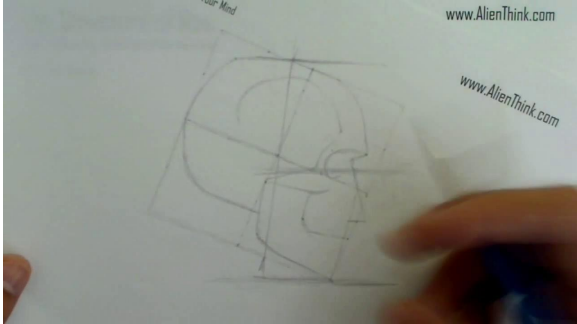
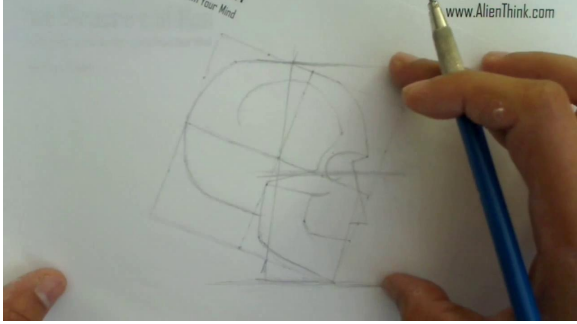
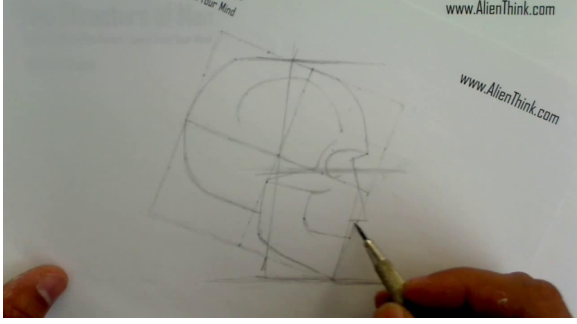
165		So for this, I'm just going to use a piece of paper because this line is kind of long
166		here.
167		So from here to here, I'm just going to pull a line over here, I just want to show you
168		something, okay, so this line here, the we're pulling, it's really going to be the axis

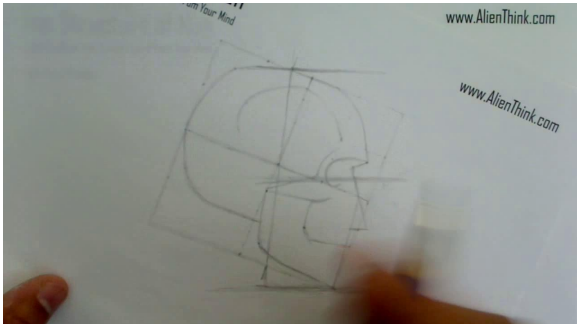
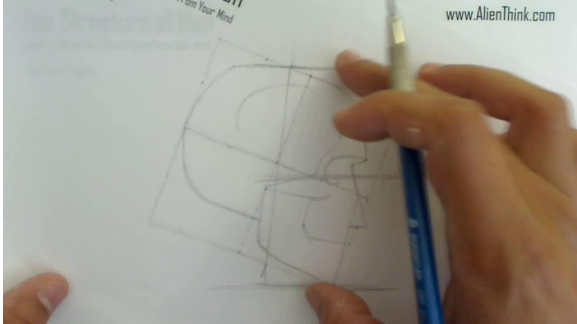
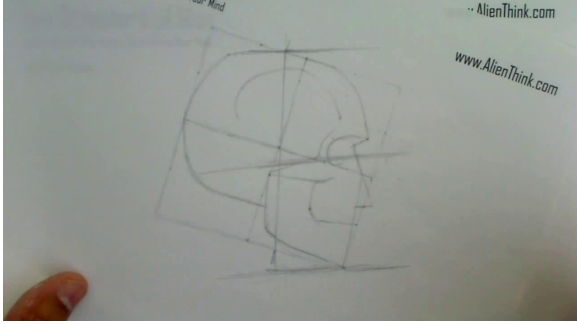
169		of the human skull, right, so meaning that if you look at this, when a person is looking
170		at you, right, they're not going to be looking at you really in this direction here because
171		the nose is to what, they actually are going to be looking at you like this into a straight
172		line, in that if I make this line straight on the camera, you can see this is really how

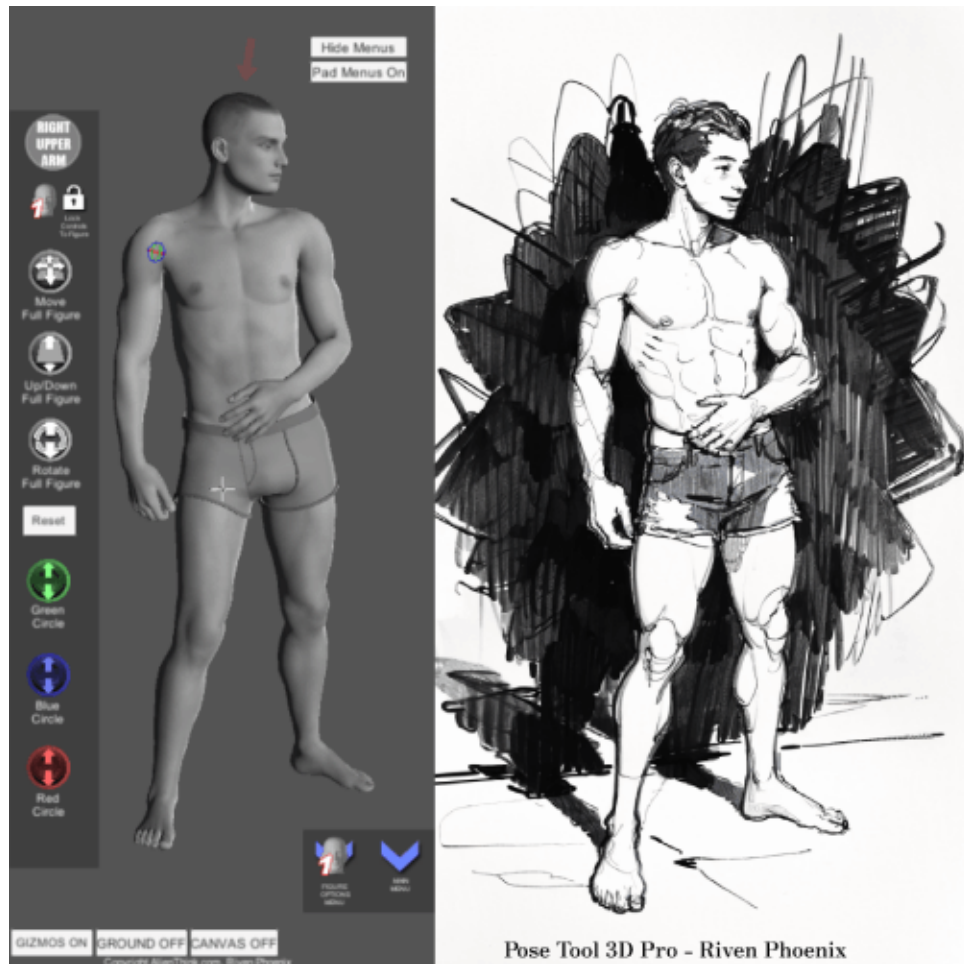
173		the human skull is when it looks straight at a person.
174		So what this means is that if you now, from here, use this line here and make this like
175		or I'm just showing you as an extra thing here, I'm going to make this a 90 degrees angle,
176		right, so I'm taking this line over here, I'm just showing you something, I'm going to

177		make this a 90 degree angle over here and then where this chin is, I'm going to make
178		also, we do it this way, right, so this is the 90 degree angle over here like this.
179		So you'll notice that if we take this, right, and divide this in half is going to be
180		about here, this gives you the center of the human head just like this, right, so this

181		is why when you're learning about portrait drawings and you read documentation on drawing
182		the head, you'll notice that it's always stated that the head from the eye to the bottom
183		of the chin is exactly the same height as the top and this is why, because the skull
184		is sitting on this angle, right, this is a fascinating information to understand how

185		this why this was, right, so you can understand where this information is really coming from.
186		If you had to talk about this and tell somebody about it, you can explain to them, this is
187		what's really causing it, this is why it's always divided, the eyes always in the middle,
188		this is why the nose is just, it's not all horizontal, it's just on a slight angle above

189		and it's facing that way, okay, so I just want you to keep this in the back of your mind
190		on this concept over here.
191		So I'll see you in the next lesson, thanks.



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